

Incident Action Plan

Incident: BNSF Galena Derailment	Prepared By: Ashley Reardon
Period: #9: 03/14/2015 08:30 CDT - 03/17/2015 08:30 CDT	Version Name: P009V02

Approved By

Organization	Name	Signature

Incident Photo



Included in Action Plan

<input type="checkbox"/>	Period Forms	<input type="checkbox"/>	Attachments
<input checked="" type="checkbox"/>	ICS 202 - Incident Objectives	<input checked="" type="checkbox"/>	208 Safety Message/Plan
<input checked="" type="checkbox"/>	ICS 203 - Organization Assignment Lists	<input checked="" type="checkbox"/>	209 Incident Status Summary
<input checked="" type="checkbox"/>	ICS 204 - Assignment List(s)	<input checked="" type="checkbox"/>	Incident Plan Tracker
<input checked="" type="checkbox"/>	ICS 205 - Communication Plan	<input checked="" type="checkbox"/>	Site Map 3/10/2015 1530
<input checked="" type="checkbox"/>	ICS 206 - Medical Plan	<input checked="" type="checkbox"/>	Site Road Map
<input checked="" type="checkbox"/>	ICS 207 - Organizational Chart		
<input type="checkbox"/>	ICS 208 - Site Safety Plan(s)		
<input type="checkbox"/>	ICS 211P - Check In List		
<input type="checkbox"/>	ICS 213 - General Message(s)		
<input type="checkbox"/>	ICS 214 - Activity Logs		
<input type="checkbox"/>	ICS 215 - Operational Planning Worksheet		
<input checked="" type="checkbox"/>	ICS 230 - Meeting Schedule		
<input type="checkbox"/>	Weather Report		
<input type="checkbox"/>	Incident Critique		

ICS 202: Incident Objectives

Incident: BNSF Galena Derailment	Prepared By: Ashley Reardon
Period: #9: 03/14/2015 08:30 CDT - 03/17/2015 08:30 CDT	Version Name: 03/13/2015 17:36 CDT

Objective(s)

- 1. SAFETY OF RESIDENTS & RESPONDERS**
- 2. PROTECT ENVIRONMENT AND CONTROLLING RUNOFF**
- 3. STABILIZE SITE**
- 4. MONITOR ENVIRONMENTAL CONDITIONS/IMPACTS**
- 5. FACILITATE INVESTIGATIONS & PRODUCT RECOVERY/REMEDIATION**
- 6. RESTORE DERAILMENT SITE**
- 7. ENSURE SAFE AND EFFECTIVE TRACK OPERATIONS**
- 8. CLARIFY TANK CAR STATUS (CLEAN, PURGE, SCRAP, OFF-SITE)**

Operational Period Command Emphasis

COMMUNICATE HEALTH AND SAFETY PLAN TO ALL RESPONDERS
 TRAIN RESPONDERS ON-TRACK SAFETY
 COMMUNICATE CONTINGENCY PLAN TO ALL RESPONDERS
 CONTINUE COMMUNICATIONS AMONG RESPONDERS AND RESPONSE AGENCIES
 IMPROVE COMMON OPERATING PICTURE AT THE SITE AND THE ICP
 UPDATE THE CONTAINMENT/CONTINGENCY PLAN

LIMITATIONS/CONSTRAINTS

TRACK WINDOWS

General Situational Awareness

WRECKING AND REMOVAL OPERATIONS CONTINUE/CONCLUDE
 ENVIRONMENTAL SAMPLING CONTINUES
 INSTALLATION OF SHEETPIILING WALL
 DESIGN & PROCUREMENT OF WATER TREATMENT SYSTEM

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: BNSF GALENA DERAILMENT		2. Operational Period: Date From: 3/14/15 Date To: 3/17/15 Time From: 0830 HRS Time To: 0830 HRS		
3. Incident Commander(s) and Command Staff:		7. Operations Section:		
IC/UCs	Jaime Brown, EPA Region 5	Chief	BNSF	Mark Engdahl
IEPA	Greg Kazmerski	Deputy	US EPA	Brad Benning
BNSF RR	Allen Stegman			
Jo Daviess Cty	Chuck Pederson	Staging Area		
		Branch	Remediation	
		Branch Director	Pinnacle	Marty Moran
Safety Officer	Rich Forte, USCG	Deputy	Sunpro	John Spealman
4. Agency/Organization Representatives:		Division/Group		
FRA	Steve Illich	Division/Group		
US F&WS	Russell Engelke	Division/Group		
Illinois IMT	Dennis Bingheim/Steve Shults	Division/Group		
Illinois DNR	Cpt. Laura Petreikis	Division/Group		
OSHA	Eric Christensen	Branch	Containment	
City of Galena	Mark Moran	Branch Director	Hulcher	Bob Winkleman
Jo Daviess Sheriff	Kevin Turner	Deputy		
5. Planning Section:		Division/Group		
Chief	Laura Weems	Division/Group		
Deputy		Division/Group		
Resources Unit		Branch	Recovery	
Situation Unit		Branch Director	Sunpro	John Spealman
Documentation Unit		Deputy	Pinnacle	Marty Moran
Demobilization Unit		Division/Group		
Technical Specialists	Chris Kuhlman, PhD (Tox)	Division/Group		
USCG Strike Team	Rich Forte	Branch	Environmental Monitoring	
		Division/Group	Soil	Arcadis
		Division/Group	Air	CTEH
6. Logistics Section:		Division/Group	Water	Pinnacle/TRC
Chief	Leslie Campbell	Division/Group	Oversight	EPA/IEPA
Deputy	Andrew Jones	Air Operations Branch		
Support Branch		Air Ops Branch Dir.		
Director				
Supply Unit				
Facilities Unit		8. Finance/Administration Section:		
Ground Support Unit		Chief	BNSF RR	

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: BNSF GALENA DERAILMENT		2. Operational Period: Date From: 3/14/15 Date To: 3/17/15 Time From: 0830 HRS Time To: 0830 HRS	
Service Branch		Deputy	IL-IMT BOB DOTY (T)
Director		Time Unit	
Communications Unit		Procurement Unit	
Medical Unit		Comp/Claims Unit	
Food Unit		Cost Unit	
9. Prepared by: Name: <u>Ashley Reardon</u>		Position/Title: _____	Signature: _____
ICS 203	IAP Page _____	Date/Time: <u>3/13/2015 1630 HRS</u>	

ICS 204 - Assignment List

Incident: BNSF Galena Derailment	Period: #9: 03/14/2015 08:30 CDT - 03/17/2015 08:30 CDT
Branch: CONTAINMENT	Division / Group: CONTAINMENT
Prepared By: Ashley Reardon	Version Name: 03/13/2015 17:36 CDT
Unit:	

Tactical Objective

Put in place engineering controls to contain any spilled crude and protect the environment.

Assignments

- Mobilize and stage equipment.
- Prep sheeting panels.
- Driving piling panels.
- Demobilize equipment as applicable.
- Assess and install additional containment options as needed.

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
Hulcher	Bob Winkleman		515-480-1126	Sheetpiling/ Alternative containment

Assignment Progress and Issues

All workers must read and sign ICS 208 Site Safety Plan and acknowledge worker health and safety briefing prior to work. For information about hospitals and communications, see ICS 205 Communications Plan and ICS 206 Medical Plan.

Location of Work

Staging area in the Support Zone.

ICS 204 - Assignment List

Incident: BNSF Galena Derailment	Period: #9: 03/14/2015 08:30 CDT - 03/17/2015 08:30 CDT
Branch: RECOVERY	Division / Group: RECOVERY
Prepared By: Ashley Reardon	Version Name: 03/13/2015 17:36 CDT
Unit:	

Tactical Objective

Conduct vacuum operations and provide/maintain boom containment.

Assignments

Utilize vacuum trucks to collect pooled/residual product in the impact zones and containerize in frac tanks staged in the support zone.

Remove all ice from, inspect, and maintain containment/soft boom.

Inspect and maintain earthen berm.

Use sorbent material as needed.

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
Vac Trucks	Sunpro - John Spealman	1	309-368-5911	
Frac Tanks	Sunpro - John Spealman	17	309-368-5911	
Pinnacle	Marty Moran		763-277-8417	Managing boom.

Assignment Progress and Issues

All workers must read and sign ICS 208 Site Safety Plan and acknowledge worker health and safety briefing prior to work. For information about hospitals and communications, see ICS 205 Communications Plan and ICS 206 Medical Plan.

Location of Work

In the Impact Zone (land and water) and surrounding Support Zone.

ICS 204 - Assignment List

Incident: BNSF Galena Derailment	Period: #9: 03/14/2015 08:30 CDT - 03/17/2015 08:30 CDT
Branch: ENVIRONMENTAL MONITORING	Division / Group: ENVIRONMENTAL MONITORING
Prepared By: Ashley Reardon	Version Name: 03/13/2015 17:36 CDT
Unit:	

Tactical Objective

Conduct soil, water, and air sampling in support of operations.

Assignments

Soil sampling in the impact zone per Soil Sampling Plan.

Water sampling upstream and downstream per the Water Sampling Plan.

Conduct real-time air monitoring on-site in support of operations per Air Sampling Plan/Worker Exposure Plan.

Submit sampling plans prior to task.

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
Arcadis	Jeff Bonsteel	3		
US EPA Contractors	Jaime Brown	2		
CTEH	Kyle Bennett			

Assignment Progress and Issues

See attached Environmental Plan Tracker and Comprehensive Environmental Plan package.

Location of Work

In the impact Zone and Support Zone.

ICS 204 - Assignment List

Incident: BNSF Galena Derailment	Period: #9: 03/14/2015 08:30 CDT - 03/17/2015 08:30 CDT
Branch: SALVAGE	Division / Group: SALVAGE
Prepared By: Brad Benning	Version Name: 03/13/2015 17:36 CDT
Unit:	

Tactical Objective

Right size tank cars to manageable sizes through torch cutting/mechanical shears.

Assignments

Move clean cars to salvage area.

Dismantle cars by shearing /torch cutting in salvage area ("parking lot").

Ensure contractors have appropriate safety SOPs and follow BNSF HASP.

Load out scrap metal.

Demobilize salvage equipment.

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
Progress Rail	Jeff	1	320-292-2024	
Hulcher	Bob Winkleman	3	515-480-1126	Sidebooms/track hoe

Assignment Progress and Issues

Location of Work

Salvage Area ("Parking Lot") on-site.

ICS 205: Communication Plan

Incident: BNSF Galena Derailment	Prepared By: Ashley Reardon
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Radio Listings

Zone Grp.	Ch #	Function	Channel Name / Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone / NAC	TX Freq N or W	TX Tone / NAC	Mode (A, D or M)	Remarks
	66			OPERATIONS						

Phone Listings

Name	Title	Phone	Radio	Email	Other
Andrew Jones	Deputy Logistics Section Chief	501-516-7780	<input type="checkbox"/>	ajones@cteh.com	
Ashley Reardon	IAP Development	501-247-6691	<input type="checkbox"/>	areardon@cteh.com	
Brad Benning	Operations Section Chief	312-919-0090	<input type="checkbox"/>		
Brian Brackmeyer	Liaison Officer		<input type="checkbox"/>		
Chris Thessing	GIS/Aerial Imagery	501-515-1228	<input type="checkbox"/>	cthessing@cteh.com	
Chuck Pedersen	Incident Commander - Jo Daviees Cty	815-990-6702	<input type="checkbox"/>	ema@jodaviess.org	
Dave Estep	Manager, Sunpro	708-653-2559	<input type="checkbox"/>		
Derek Lampkin	Director, Hazardous Materials Safety	612-760-1365	<input type="checkbox"/>	Derek.Lampkin@BNSF.com	Night
Don Warren	CTEH PM (Onsite air monitoring)	601-278-7814	<input type="checkbox"/>	dwarren@cteh.com	
Doug Reynolds	Manager, Hazardous Materials Safety		<input type="checkbox"/>		
Dr. Chris Kuhlman	Toxicology	501-247-3871	<input type="checkbox"/>	ckuhlman@cteh.com	
Eric Callahan	Data Management - CTEH	501-366-1525	<input type="checkbox"/>	ecallahan@cteh.com	
Greg Kazmerski	Incident Commander - IEPA	815-262-8949	<input type="checkbox"/>	greg.kazmerski@illinois.gov	
Heriberto Leon	Liaison Officer		<input type="checkbox"/>		
Jaime Brown	Incident Commander - EPA	312-802-0682	<input type="checkbox"/>	brown.jaime@epa.gov	
Jason Braun	Vac Team One	651-398-0415	<input type="checkbox"/>		
Jeff Bonsteel	Environmental Monitoring	518-727-9707	<input type="checkbox"/>	Jeffrey.Bonsteel@arcadis-us.com	
Kyle Bennett	CTEH PM (Community Air)	501-747-6787	<input type="checkbox"/>	kbennett@cteh.com	
Laura Weems	Planning Section Chief	832-470-5557	<input type="checkbox"/>	lweems@cteh.com	
Leslie Campbell	Logistics Section Chief		<input type="checkbox"/>		
Mark Engdahl	Operations Section Chief	206-465-5976	<input type="checkbox"/>	mark.engdahl@bnsf.com	
Nic Winslow	Incident Commander - BNSF	406-202-8051	<input type="checkbox"/>	dominic.winslow@bnsf.com	
Ramon Mendoza	Operations Section	312-802-1409	<input type="checkbox"/>	mendoza.ramon@epa.gov	Night
Rich Forte	Safety Officer	609-439-3220	<input type="checkbox"/>	richard.e.forte@uscg.mil	

Additional Comments

All communications from the field to the Command Post will be made using cellular phones.

ICS 205a - Communications List

First	Last	Organization	Position/Title	Phone	Email	Demob
Arcadis						
Bobby	Aliberti	Arcadis	Planning	(850) 321-0931		
Jeff	Bonsteel	Arcadis	Environmental	(518) 727-9706	Jeffrey.bonsteel@arcadis-us.com	
Matthew	Butcher	Arcadis	Counsel	(206) 399-4425		D
Richard	Eckert	Arcadis	Environmental Unit	(312) 315-3427		D
Sheridan	Ethen	Arcadis	Environmental	(763) 234-3486	Sheridan.ethen@arcadis-us.com	
Bruce	Evans	Arcadis	Environmental	(262) 424-8334	Bruce.evans@arcadis-us.com	
Timothy	Eyerdom	Arcadis	Environmental	(234) 248-9086	Timothy.eyerdom@arcadis-us.com	
John	Grogg	Arcadis	Environmental	(317) 771-5511	John.grogg@arcadis-us.com	D
Marie	Heap	Arcadis	Environmental - Waste Management	(317) 372-0985	marie.heap@arcadis-us.com	
Nate	Kernan	Arcadis	Environmental	(585) 217-3372	Nathan.kernan@arcadis-us.com	
Andrea	Krevinghaus	Arcadis	Environmental Engineer	(810) 841-1473	Andrea.krevinghaus@arcadis-us.com	
Spencer	Lapiers	Arcadis	Environmental Unit	(714) 321-5412		
Claire	McKendrick	Arcadis	Environmental Unit	(847) 373-6957		D
Andrew	McManus	Arcadis	Incident Coordinator	(813)298-2839		
Kurt	Merkle	Arcadis	Site Safety	(215) 534-0434		D
Maureen	O'Brien	Arcadis	Environmental	(303) 579-9209	maureen.obrien@arcadis-us.com	D
Jackson	Parker	Arcadis	Environmental Unit	(260) 579-1696		D
Frederick	Payne	Arcadis	Environmental Unit	(248) 376-5128		D
Megan	Schettler	Arcadis	Environmental Unit	(402) 889-1301		D
Adam	Tokarski	Arcadis	Environmental Unit	(312) 735-0058		D
Todd	Udvig	Arcadis	Environmental	(612) 373-0214	Todd.udvig@arcadis-us.com	D
Linda	Woods	Arcadis	Environmental	(865) 585-8186	Nichole.woods@arcadis-us.com	
BNSF						
Eric	Boyd	BNSF	Counsel	(708) 574-2618		D
Mark	Engdahl	BNSF	Environmental Unit	(206) 465-5975		
Greg	Jeffries	BNSF	Operations Section Chief	(612) 868-7995		
Clay	Reid	BNSF	Operations	(817)313-0592		D
Allen	Stegman	BNSF	Incident Command	(817) 692-8234	allen.stegman@bnsf.com	D
Dominic	Winslow	BNSF	Incident Commander - RP	(406) 202-8051	dominic.winslow@bnsf.com	
Doug						
BNSF Resource Protection						
Bryan	Madden	BNSF	Security	(815)670-2719		
CTEH						
Anton	Avguchenko	CTEH	Data Manager	(501) 258-0933	aavguchenko@cteh.com	
Kyle	Bennett	CTEH	ES Project Manager	(501) 747-6787		
Justin	Blankenship	CTEH	Enironmental Scientist			
Eric	Callahan	CTEH	IT Specialist	(501) 366-1525	ecallahan@cteh.com	
Cory	Davis	CTEH	Principal Consultant	(501) 258-7881	cdavis@cteh.com	D
Jason	Davis	CTEH	Environmental Scientist	(501) 960-5531		

ICS 205a - Communications List

First	Last	Organization	Position/Title	Phone	Email	Demob
Jeremy	Gueringer	CTEH	Environmental Scientist II	(501) 499-2465		D
Sam	Head	CTEH	Environmental Scientist II	(501) 690-0265		
Andrew	Jones	CTEH	Logistics	(501) 516-7780	Ajones@cteh.com	
Micah	Kendrick	CTEH	Environmental Scientist II	(501) 366-8748		D
Chris	Kuhlman	CTEH	Toxicologist	(501) 247-3871	Ckuhlman@cteh.com	
Justin	Mills	CTEH	Environmental Scientist	(501) 366-1713	jmills@cteh.com	D
Ashley	Reardon	CTEH	Data Manager	(501) 247-6691	areardon@cteh.com	
Ashley	Richie	CTEH	Environmental Scientist II	(479) 393-9553	Arichie@cteh.com	
Jake	Rownd	CTEH	Env. Specialist II	(501) 722-3320		
Travis	Sartain	CTEH	Environmental Scientist	(501) 442-6022		
Daniel	Short	CTEH	Env. Specialist II	(501) 416-5699	shortdanielr@gmail.com	
Christopher	Thessing	CTEH	IT Specialist	(501) 515-1228	cthessing@cteh.com	
Don	Warren	CTEH	Consultant	(501) 278-7814	Dwarren@cteh.com	D
Peter	Washburn	CTEH	Environmental Scientist	(281) 413-5513	pwashburn@cteh.com	D
Laura	Weems	CTEH	Senior Industrial Hygienist	(832) 470-5557	lweems@cteh.com	D
Bailey	Williams	CTEH	Environmental Scientist	(501) 516-9059		D
Shawn	Wnek	CTEH	Toxicologist	(501) 258-7131		D
Environmental Management Services						
Jeff	Conger	Environmental Management Services	Operations	(563) 349-3670	Congerpackr4@aol.com	D
James	Dunn	Environmental Management Services	Operations	(309) 206-5690	Jamiedunn1992@gmail.com	D
Bobby	Riendeau	Environmental Management Services	Operations	(563) 949-0644	Bobbyriendeau@gmail.com	D
Larry	Terrells	Environmental Management Services	Operations	(563) 349-1293	Terrells6@yahoo.com	D
US EPA						
Brad	Benning	EPA	Deputy Operations Chief	(312) 919-0089		
Jaime	Brown	EPA	Incident Commander	(312) 802-0682	brown.jaime@epa.gov	
Jaime	Brown	EPA	Incident Commander	(312) 802-0681		
Steve	Faryan	EPA	ENVL	(312) 802-0507	faryan.steven@epa.gov	
Heriberto	Leon	EPA	Public Information Officer	(312) 886-6162		
Ramon	Mendoza	EPA	OPS	(312) 802-1409	mendoza.ramon@epa.gov	
Ramon	Mendoza	EPA	On scene coordinator	(312) 802-1408		
Paul	Ruesch	EPA	PSC	(312) 919-4382	ruesch.paul@epa.gov	
Paul	Ruesch	EPA	Deputy Incident Commander	(312) 919-4381		
Ann	Whelan	EPA	Environmental Unit	(312) 404-8521		
Stavros	Emmanovil	EPA	OPS	(312)802-0667	emmanovil.stavoris@epa.gov	
Jeff	Kimble	EPA	OPS	(734)409-9013	kimble.jeffery@epa.gov	
Hulcher						
Ken	Dill	Hulcher	Operations	(618) 795-3976		
Mike	Renfro	Hulcher	Operations	(901) 619-6493	Mrenfro@hulcher.com	
Illinois EPA						
Chuck	Curtis	Illinois EPA	Environmental Unit	(847) 544-8706		

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First	Last	Organization	Position/Title	Phone	Email	Demob
Blaine	Kinsley	Illinois EPA	Deputy Incident Commander	(217) 720-1328		
Mark	Retzlaff	Illinois EPA		(224) 361-6010	mark.retzlaff@illinois.gov	
Illinois IMT						
Dennis	Bingheim	Illinois IMT	Deputy IC	(217) 430-9634		
Dan	Bowen	Illinois IMT	Incident Commander - I EPA	(217) 306-5261		
Brian	Brackemyer	Illinois IMT	Incident Commander	(815) 440-5564		
Bryan	Jennings	Illinois IMT	Assistant Site Safety	(618) 267-5520		
Greg	Kazmerski	Illinois IMT	planning	(815) 262-8948	Gregg.kazmerski@illinois.gov	
George	Krebs	Illinois IMT	Incident Commander	(217) 306-3536		
Steve	Shults	Illinois IMT	Planning Section Chief	(309) 840-2567	Steve.shults@illinois.gov	
Bill	Springer	Illinois IMT	Communications Unit Lead	(630) 386-6037		
MABAS						
Jim	Klinefelter	MABAS	Operations	(224) 856-8809		D
Matrix Environmental						
Seth	Miller	Matrix Environmental	Environmental	(320) 444-5136	Millrs@wcec.com	D
Eric	Hoffman	Midwestern Drilling LLC	Environmental unit	(320) 250-0429		D
Dusty	Schroeder	Midwestern Drilling LLC	Environmental Unit	(320) 287-2818		D
NRC						
Leslie	Campbell	NRC	Logistics	(206) 730-2608	lcampbell@nrcc.com	
Corey	Sippel	NRC	Health and Safety	(206) 818-0267	csippel@nrcc.com	
OSHA						
Thomas	Bielema	OSHA	Compliance Officer	(309) 264-1980		
Barry	Salerno	OSHA	Compliance Officer	(309) 648-6107		
Pinnacle Engineering						
Mike	Braulick	Pinnacle Engineering	Operations	(763) 229-2433		
Dave	Dalley	Pinnacle Engineering	Environmental	(507) 358-4648	D.dalley@pineng.com	
Tim	Dodd	Pinnacle Engineering	Environmental	(701) 955-0050	Tdodd@pineng.com	
Shawn	Elswick	Pinnacle Engineering	Environmental Unit	(507) 993-5260		
Jim	Holland	Pinnacle Engineering	Environmental Unit	(612) 669-5712		
Ben	Lucas	Pinnacle Engineering	Environmental Unit	(763) 202-5147		
Zach	Mason	Pinnacle Engineering	Environmental Unit	(763) 280-9872		
Ryan	McElrath	Pinnacle Engineering	Environmental Unit	(612) 834-1158		
Martin	Moran	Pinnacle Engineering	Environmental	(612) 849-7532	Mmoran@pineng.com	
Ross	Nerison	Pinnacle Engineering	Environmental	(651) 373-1085	Rnerison@pieng.com	
Matt	Richardson	Pinnacle Engineering	Operations	(701) 361-1573		
Mike	Rosdahl	Pinnacle Engineering	Environmental scientist			
Robert	Wallace	Pinnacle Engineering	Operations	(763) 248-9552		
Matt	Witzel	Pinnacle Engineering	Environmental Unit	(612) 251-2216		
Sunpro						
John	Spealman	Sunpro	Operations	(309) 368-5911		

ICS 205a - Communications List

First	Last	Organization	Position/Title	Phone	Email	Demob
Tetra Tech - START						
Andy	Kleist	Tetra Tech	EPA START	(715) 456-0127		D
Rob	Kondreck	Tetra Tech	EPA START	(773) 563-3501		D
Adam	Petererca	Tetra Tech	Environmental	(440) 897-9879	Adam.peterca@tetrattech.com	
Cordell	Renner	Tetra Tech	EPA START	(847) 913-2903		
Karl	Schultz	Tetra Tech	Environmental	(262) 227-1048	Kschultz@avantti-environmental.com	
Aaron	Stevens	Tetra Tech	EPA START	(309) 868-9552		
TRC Solutions						
Caroline	Boecher	TRC Solutions	Environmental	(651) 249-6543	Cboecher@trcsolutions.com	
Caroline	Boecher	TRC Solutions	Environmental	(651) 249-6543	Cboecher@trcsolutions.com	
Alex	Hibbard	TRC Solutions	Environmental	(217) 440-9513	Ahibbard@trcsolutions.com	
Tyler	Wickesberg	TRC Solutions	Environmental	(312) 758-3948	Twickesberg@trcsolutions	
TRG						
Paul	Bissaillon	TRG	ICS Specialist	(832) 493-1965	Pbissaillon@responsegroupinc.com	D
Dave	Hentrich	TRG	Resource Unit Lead	(630) 452-9909	Dhentrich@responsegroupinc.com	D
John	Pasquier	TRG	Situation Unit Lead	(281) 728-2003	Jpasquier@responsegroupinc.com	D
United Specialty Services						
Brock	Bush	United Specialty Services	Operations	(309) 337-2785	Brockbush@comcast.net	D
Bill	Goedeke	United Specialty Services	Operations	(309) 368-0019	Billgoedeke@comcast.net	D
USCG						
John	Bafia	USCG	Assistant Site Safety	(609) 351-8521		
Joachim	Boyles	USCG	Safety	(609) 351-8510		
Kathleen	Dillon	USCG	Assistant Site Safety	(518) 788-7263		
Rich	Forte	USCG	Assistant Safety Officer	(609) 439-3219	Richard.e.forte@uscg.mil	
Francis	Purcell	USCG	Safety	(937) 248-6121		
Eric	Tomaszewski	USCG	Assistant Site Safety	(609) 351-8520		
WCEC						
Josh	Determan	WCEC	Operations	(763) 354-8993	Jdeterman@wcec.com	D
Dustin	Farkas	WCEC	Operations	(612) 366-5133		D
Greg	Frank	WCEC	Operations	(612) 237-5463		D
Ryan	Hoag	WCEC	Operations	(763) 229-5373		D
Josh	Hollen	WCEC	Operations	(320) 589-2038		D
Jake	Holthaus	WCEC	Product Recovery	(612) 251-0071		D
Kayla	Hovde	WCEC	Environmental	(320) 808-8948	Khovde@wcec.com	D
Shawn	Miller	WCEC	Operations	(320) 493-3792		D
Pete	Schmidt	WCEC	Operations	(763) 710-5222		D
Michael	Spaulding	WCEC	Operations	(507) 581-0893		D
Cory	Teff	WCEC	Product Recovery	(612) 366-8296		D
Shawn	West	WCEC	Operations	(612) 807-6687		D
WENCK RESPONSE						

ICS 205a - Communications List

First	Last	Organization	Position/Title	Phone	Email	Demob
Jason	Coyle	WENCK RESPONSE	Environmental Scientist	(612) 965-2576	jcoyle@wenck.com	D

ICS 206: Medical Plan

Incident: BNSF Galena Derailment	Prepared By: Ashley Reardon
Period: #9: 03/14/2015 08:30 CDT - 03/17/2015 08:30 CDT	Version Name: 03/13/2015 17:36 CDT

First Aid Stations

Name	Location	EMT On Site	Phone	Radio
Incident Command Post Trailer #1	IL 84, US 20 Bridge. Near 200 Spring Street, Galena, IL			
Hulcher Staging Area (South/East end of derailment)	Near rail crossing at 1500 South River Road, Galena, IL			

Transportation (Ground and/or Air Ambulance Services)

Name	Location	Paramedics	Phone	Radio
Mt Carroll Ambulance	206 E Seminary St Mt Carroll, IL	No		

Hospitals

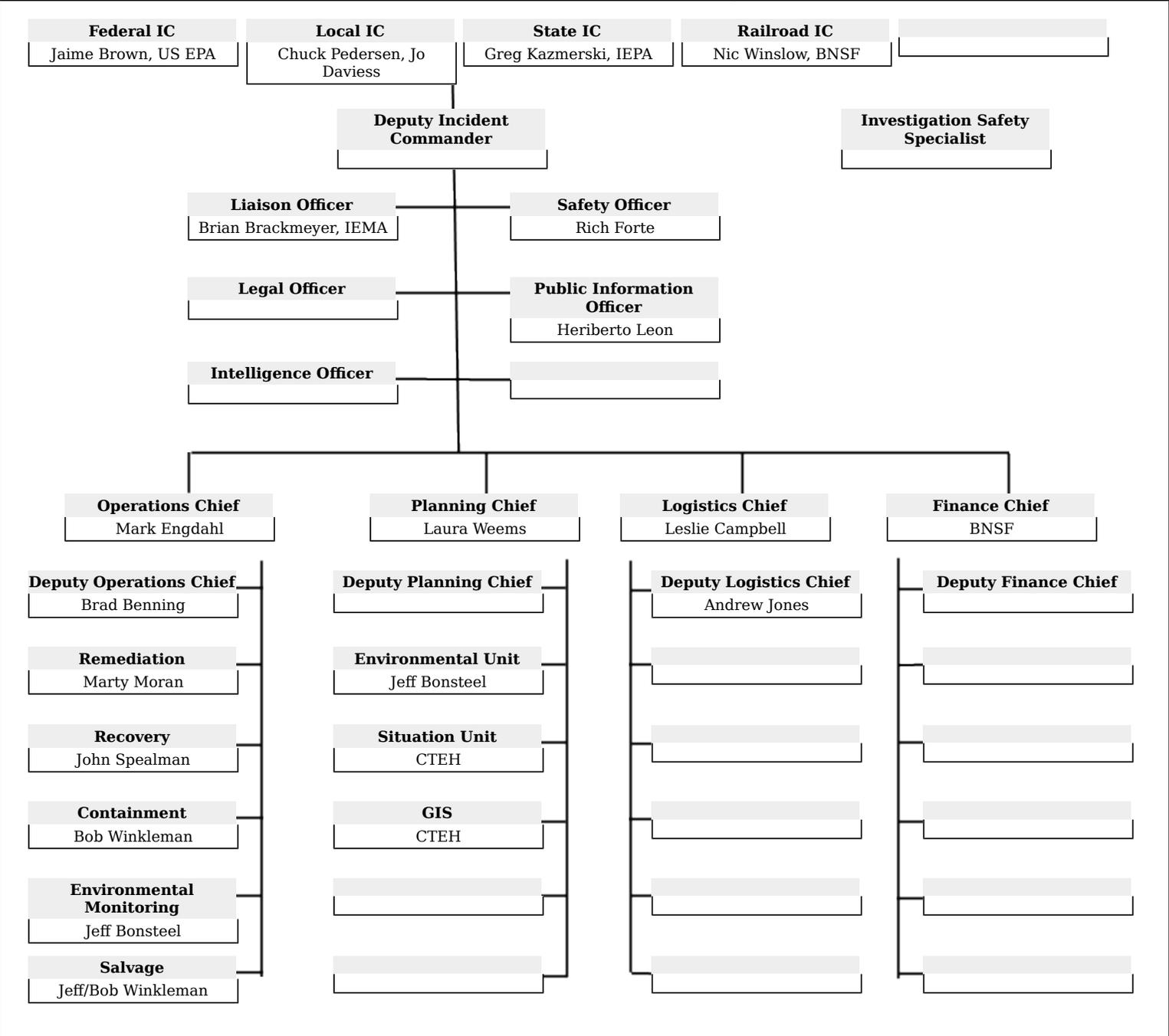
Name	Location	Burn Center	Helipad	Phone	Radio
Midwest Medical Center	1 Medical Center Drive, Galena, IL	No	Yes	815-777-1340	
OSF Saint Anthony Medical Center	5666 East State St, Rockford, IL	Yes	Yes	815-226-2000	
Mercy Medical Center	250 Mercy Drive, Dubuque, IA	No	Yes	563-589-8000	

Special Medical Emergency Procedures

Nearest burn center is in Rockford, IL at St. Anthony's. There are helipads at both Midwest Medical Center in Galena and at St. Anthony's in Rockford. Announce location and number of injured. Report nature of injuries. Treat injured to your level of training. Request EMS if required. All injuries will be documented and reported through proper chain of command. All transported injured should bring copy of SDS (copies available in ambulance staged in work area). First report of injury forms will be completed as soon as practicable and will be turned into Safety Officer. Safety Officer will work with Operations to conduct investigation.

ICS 207: Organizational Chart

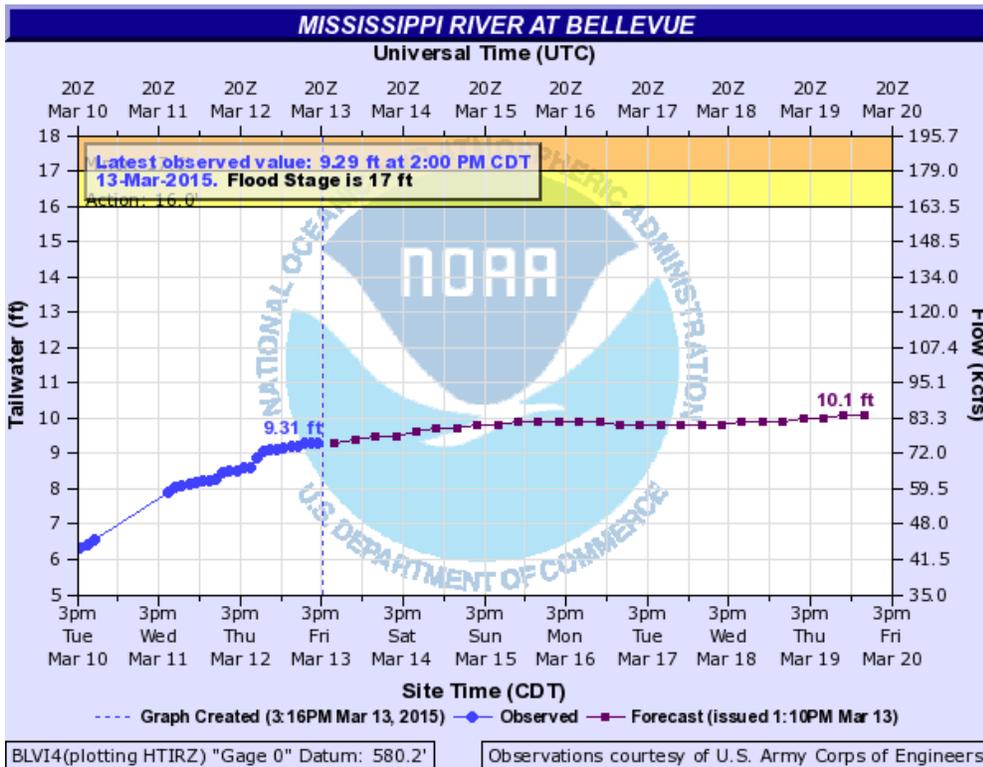
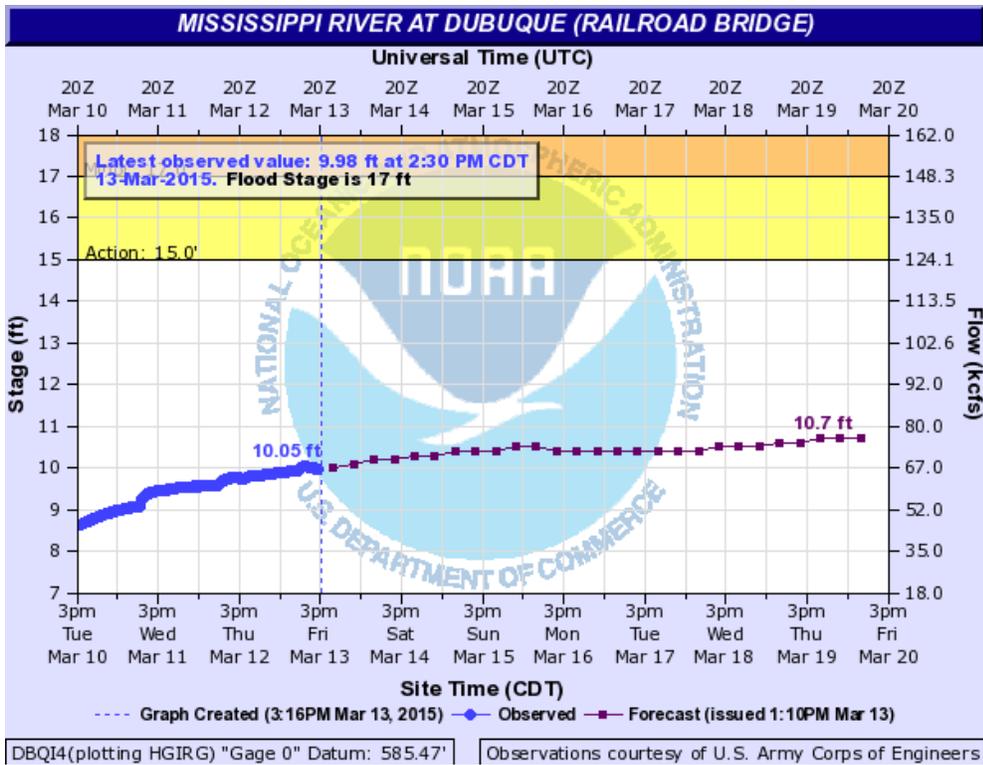
Incident: BNSF Galena Derailment	Prepared By: Ashley Reardon
Period: #9: 03/14/2015 08:30 CDT - 03/17/2015 08:30 CDT	Version Name: 03/13/2015 17:36 CDT



1. Incident Name Galena Derailment		2. Operational Period (Date/Time) From: 03/14/15 08:30 To: 03/17/15 08:30		Time of Report 20150313 1900		INCIDENT STATUS SUMMARY ICS 209-OS			
3. Spill Status (Estimated, in Barrels) [Ops & EUL/SSC]				8. Equipment Resources [RUL]					
Source Status: Remaining Potential (gal): _____		Rate of Spillage (bb/hr): _____		Description		Ordered	Available/Staged	Assigned	Out of Service
<input checked="" type="checkbox"/> Secured		Since Last Report		Airboats				4	
<input type="checkbox"/> Unsecured		Total		Excavators				6	
Volume Spilled				Sidebooms				4	
Mass Balance/Oil Budget GALLONS:				Track Loaders				2	
Recovered from cars		221,265		Rubber Tire Loaders				2	
Recovered from ground		Oil – 1,169; Water – 14,046							
Evaporation				Boom (ft.)			2650 ft	700 ft	
Natural Dispersion									
Burned				Vacuum Trucks				2	
Floating, Contained				Frac Tanks				17	
Floating, Uncontained				Helicopters					
Onshore				Fixed Wing					
Total recovered product accounted for: 236,480									
4. Waste Management (Estimated) [Ops/Disposal]									
		Recovered from cars	Recovered from ground	Stored	Disposed				
Oil (gal)				222,434 gal	(oil)				
Oily Liquids (gal)				14,046 gal	(water)				
Liquids (gal)									
Oily Solids (gal)									
Solids (tons)									
5. Shoreline Impacts (Estimated, in miles) [PSC/EUL/SSC]									
Degree of Oiling		Affected	Cleaned	To Be Cleaned					
Light									
Medium									
Heavy									
Total									
6. Wildlife Impacts [Ops/Wildlife Br.]									
Numbers in () indicate subtotal that are threatened/endangered species.					Died in Facility				
	Captured	Cleaned	Released	DOA	Euth.	Other			
Birds	0	0	0	0					
Mammals	0	0	0	0					
Reptiles	0	0	0	0					
Fish	0	0	0	0					
Total	0	0	0	0					
7. Safety Status [Safety Officer]									
		Since Last Report	Total						
Responder Injury		0	0						
Public Injury		0	0						
Volunteer Injury									
9. Personnel [RUL]									
Description		People in Cmd. Post	People in the Field	Total People On Scene					
Federal		4	6	10					
State		3	0	3					
Local		1	0	1					
RP		2	4	6					
Contract Personnel		15	86	101					
Volunteers		0	0	0					
Total Response Personnel from all Organizations:								121	
10. Special Notes									
Zero (0) wildlife impacts reported.									
Zero (0) illness total since incident occurred.									
See attached sheets for updates in weather and river levels.									
11. Prepared by: (Situation Unit Leader) Laura Weems, PSC									
INCIDENT STATUS SUMMARY									ICS 209-OS

Supplement to ICS Form 209 Incident Status Summary for IAP dated 3/14/15-3/16/15

<p>WEATHER – FORECASTS 3/14/15 – 3/17/15</p>	<p>3/14/15 Saturday Sunny, with a high near 56. Northwest wind around 10 mph. Saturday Night Mostly clear, with a low around 33. Northwest wind 5 to 10 mph becoming light and variable after midnight.</p> 
	<p>3/15/15 Sunday Sunny, with a high near 61. Sunday Night Partly cloudy, with a low around 44.</p> 
	<p>3/16/15 Monday Mostly sunny, with a high near 63. Monday Night Mostly cloudy, with a low around 33.</p> 
	<p>3/17/15 Tuesday Mostly sunny, with a high near 48. Tuesday Night Mostly clear, with a low around 30</p> 
<p>INJURIES</p>	<p>No additional recorded injuries at site</p>
<p>WILDLIFE IMPACTS</p>	<p>No wildlife impacts to date</p>
<p>MISSISSIPPI RIVER LEVELS</p>	<p>3/13/15 at 10.05 feet Dubuque gauge (NW of Galena); Predict 3/19/15 at 10.7; feet; (flood 17') 3/13/15 at 9.31 feet at Bellevue gauge (SE of Galena); Predict 3/19/15 at 10.1 feet; (flood 17') Gauge graphs are on next page</p>



ICS 230: Daily Meeting Schedule

Incident: BNSF Galena Derailment	Prepared By: Ashley Reardon
Period: #9: 03/14/2015 08:30 CDT - 03/17/2015 08:30 CDT	Version Name: 03/13/2015 17:43 CDT

Meetings

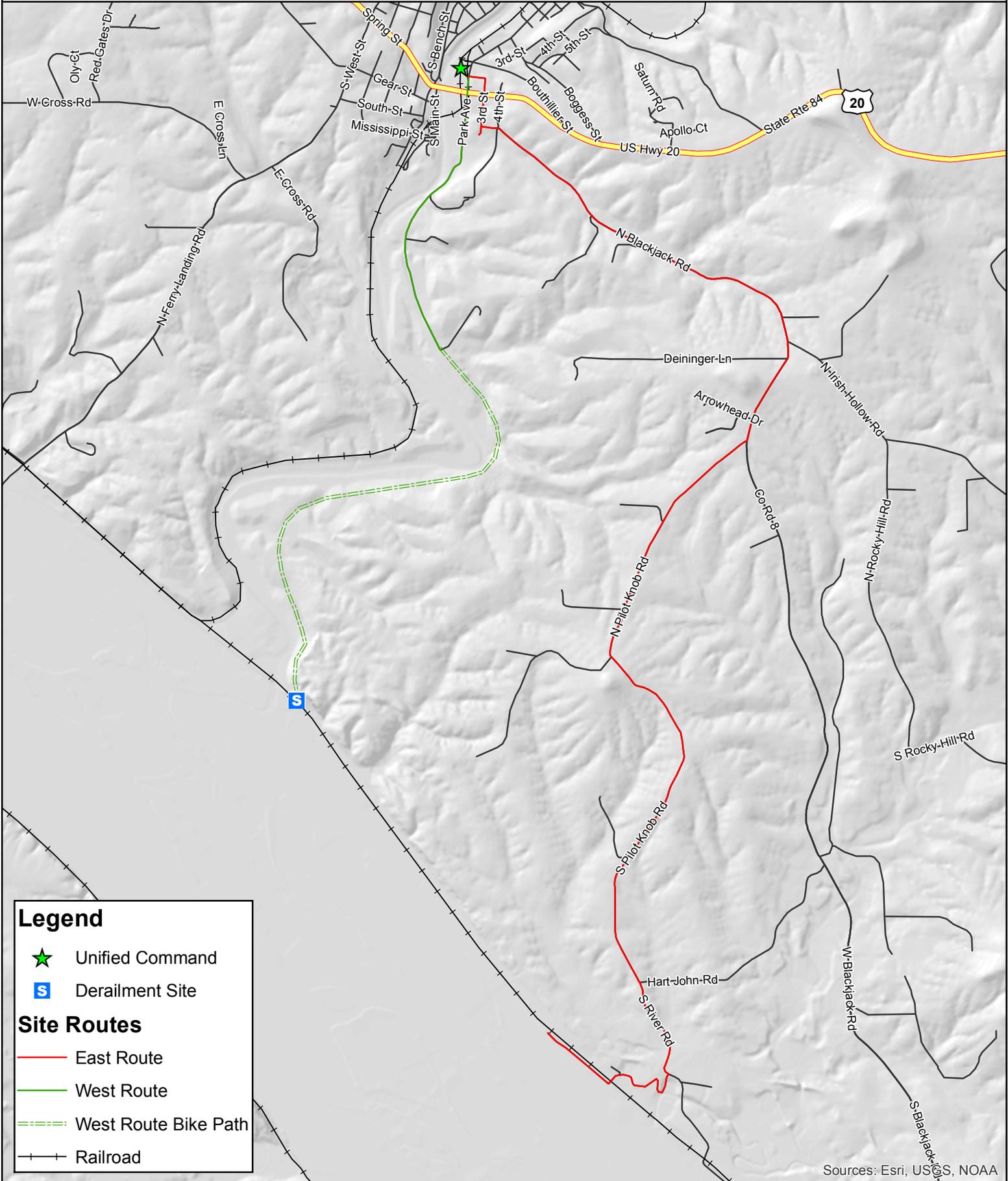
Meeting Name	Date / Time	Purpose	Attendees	Location
Safety & Operations Briefing	03/14/2015 13:00 CDT	Safety & Ops to Ops personnel. Deploy next OP	ICP Personnel	Incident Command Post, Trailer #2
BNSF Contractor Supervisors Meeting	03/14/2015 18:30 CDT	Operational update/brief & assignments	Operations, Safety, Planning, Field Supervisors	Incident Command Post, Trailer #2
Situational Update **Tentative**	03/14/2015 19:00 CDT	Provide update on day operations & changes for night shift	Site personnel, supervisors	Incident Command Post, Trailer #2
Safety & Operations Briefing	03/15/2015 13:00 CDT	Safety & Ops to Ops personnel. Deploy next OP	ICP Personnel	Incident Command Post, Trailer #2
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Situational Update **Tentative**	03/15/2015 19:00 CDT	Provide update on day operations & changes for night shift	Site personnel, supervisors	Incident Command Post, Trailer #2
Command & General Staff Meeting	03/16/2015 08:00 CDT	Define objectives	Command and General Staff (USEPA, IEPA, BNSF, FRA, Galena FD)	Incident Command Post, Trailer #3
Tactics Meeting	03/16/2015 10:00 CDT	Operation tactics planning, develop ICS 204s/215s	Operations Section Chief, Safety Officer, Logistics Section Chief, and Planning Section Chief.	Incident Command Post, Trailer #3
Planning Meeting	03/16/2015 13:00 CDT	IAP development	Command and General Staff	Incident Command Post, Trailer #3
IAP & SITREP Approval	03/16/2015 17:00 CDT	PSC delivers plan to UC to review and sign.		
BNSF Contractor Supervisors Meeting	03/16/2015 18:30 CDT	Operational update/brief & assignments	Operations, Safety, Planning, Field Supervisors	Incident Command Post, Trailer #2
Situational Update	03/16/2015 19:00 CDT	Provide update on day operations & changes for night shift	Site personnel, supervisors	Incident Command Post, Trailer #2
FIELD MEETINGS				
Derailment Site Safety Briefing & OPS Briefing	03/14/2015 07:00 CDT	Safety & Ops to field personnel.	Safety & Ops to field personnel.	At the north entrance to the work area from the bike path.
Derailment Site Safety Briefing & OPS Briefing	03/14/2015 19:00 CDT	Safety & Ops to field personnel.	Safety & Ops to field personnel.	At the north entrance to the work area from the bike path.

ICS 230: Daily Meeting Schedule

Derailment Site Safety Briefing & OPS Briefing	03/15/2015 07:00 CDT	Safety & Ops to field personnel.	Safety & Ops to field personnel.	At the north entrance to the work area from the bike path.
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Derailment Site Safety Briefing & OPS Briefing	03/16/2015 07:00 CDT	Safety & Ops to field personnel.	Safety & Ops to field personnel.	At the north entrance to the work area from the bike path.
Derailment Site Safety Briefing & OPS Briefing	03/16/2015 19:00 CDT	Safety & Ops to field personnel.	Safety & Ops to field personnel.	At the north entrance to the work area from the bike path.

BNSF Galena Derailment Plans Tracker

Ops / Health&Safety /Environmental	Status	Plan Name	Version	Activities Covered	Company	Date Drafted	Version Draft Date	Submitted to Unified Command	Approved by Unified Command	Comments	
1	Health & Safety	Active	Air Sampling and Analysis Plan	1.2	air sampling and analysis	CTEH	3/6/2015	3/11/2015	3/6/2015	3/6/2015	Updated to remove community monitoring and combustion gas monitoring
2	Health & Safety	Active	BNSF Health Site Safety Plan	3	BNSF overall HASP for all operations	Safety Officer	3/6/2015		3/6/2015	3/6/2015	In IAP dated 3/9 - 3/10/15
3	Health & Safety	Active	Worker Exposure Monitoring Plan	1	work monitoring	CTEH	3/7/2015		3/7/2015	3/7/2015	In IAP dated 3/9 - 3/10/15.
4	Ops	Active	Traffic Control Plan	1	Map of traffic plan	BNSF	3/6/2015	3/8/2015	3/8/2015	3/8/2015	In IAP dated 3/9 - 3/10/15. Inactive.
5	Ops	Active	Site Security Plan	1	security operations for site and ICP	BNSF	3/8/2015		3/8/2015	3/8/2015	In IAP dated 3/9 - 3/10/15
6	Environmental	Active	Post Excavation Soil Sampling Plan	2	soil sampling plan for conf. samples	ARCADIS	3/9/2015	3/9/2015	3/9/2015	3/9/2015	In IAP dated 3/9 - 3/10/15.
7	Environmental	Active	Sheet Wall and Drainage Trench Plan	1	sheet pile wall and drainage trench install	ARCADIS	3/9/2015		3/9/2015	3/9/2015	In IAP dated 3/10 - 3/11/15
8	Environmental	Hold	Phase Laser Induced Fluorescence Work Plan	2	LIF activities	ARCADIS	3/6/2015		3/9/2015	3/9/2015	Signed 3/9/15. UC had edits to v1 and returned to AUS for update
9	Environmental	Active	Site Transfer Plan		product transfer	Sunpro	3/7/2015		3/10/2015	3/10/2015	
10	Environmental	Active	Surface Water Sampling and Monitoring Plan		surface water monitoring	Pinnacle Eng.	3/10/2015		3/10/2015	3/10/2015	
11	Environmental	Complete	Tank Car Cleaning and Purging Plan	1	cleaning and purging Tanks	BNSF	3/10/2015		3/10/2015	3/11/2015	In IAP dated 3/12-3/14/15. Inactive.
12	Environmental	Active	Approve Surface Water Sampling and Monitoring Amendment		frequency amendment	Pinnacle Eng.	3/10/2015		3/11/2015	3/11/2015	
13	Environmental	Active	Tank Car Salvage Plan	1	car salvage	BNSF	3/11/2015		3/11/2015	3/11/2015	In IAP dated 3/12-3/14/15
14	Ops	drafting	Demobilization Plan		demob of contractors and personnel	Planning	3/11/2015		3/11/2015	3/11/2015	In IAP dated 3/12-3/14/15
15	Environmental	Hold	Water Treatment Plan	1	water treatment	ARCADIS	3/12/2015		3/12/2015		In IAP dated 3/12-3/14/15
16	Environmental	Hold	Waste Management Plan		waste management	ARCADIS	3/10/2015		3/10/2015		
17	Environmental	Active	Equipment Decon Plan		parts and personnel	BNSF	3/12/2015		3/12/2015		
18	Environmental	drafting	Waste Management Plan Amendment		Disposal site information	ARCADIS					UC had edits to v1, updated and returned to UC
19	Health & Safety	drafting	Site Excavation Plan		soil excavation	ARCADIS					
20	Health & Safety	Active	HASP - Health and Safety Plans		from all contractors	VARIOUS					Kept with Safety Officer at ICP.
21	Health & Safety	drafting	Emergency Evacuation and Personnel Injury Plan		emergency evacuation and personnel injury plan	SOFR					In IAP dated 3/15 -3/17/15
22	Environmental	drafting	Flood contingency plan		Flood contingency plan	ARCADIS					
23	Environmental	drafting	Oil spill contingency plan		Oil spill contingency plan	ARCADIS					
24											
25											
26											
27											
28											
29											



Legend

- Unified Command
- Derailment Site

Site Routes

- East Route
- West Route
- West Route Bike Path
- Railroad

Sources: Esri, USGS, NOAA