

Incident Action Plan

Incident: BNSF Galena Derailment

Prepared By: Ashley Reardon

Period: #6: 03/10/2015 08:30 CDT - 03/11/2015 08:30 CDT

Version Name: P006V02 DRAFT

Approved By

Organization

Name

Signature

BNSF Railway
George R Krebs
USEPA

Nic Wolsen
George Krebs
Jaime Brown

IL EPA
S. C.

Incident Photo



Included in Action Plan

[]	Incident Forms	[]	Period Forms	[]	Attachments
<input type="checkbox"/>	Include Incident Cover	<input checked="" type="checkbox"/>	ICS 202 - Incident Objectives	<input checked="" type="checkbox"/>	203 Organization Assignment List
<input type="checkbox"/>	ICS 201-1 - Incident Briefing	<input checked="" type="checkbox"/>	ICS 204 - Assignment List(s)	<input checked="" type="checkbox"/>	Site Communication Plan
<input type="checkbox"/>	ICS 201-2 - Summary of Current Actions	<input checked="" type="checkbox"/>	ICS 205 - Communication Plan	<input checked="" type="checkbox"/>	Site Overview Map
<input type="checkbox"/>	ICS 201-3 - Organization Chart	<input checked="" type="checkbox"/>	ICS 206 - Medical Plan		
<input type="checkbox"/>	ICS 201-4 - Resource Summary	<input checked="" type="checkbox"/>	ICS 207 - Organizational Chart		
<input type="checkbox"/>	ICS 201-5 - Site Safety and Control Analysis	<input type="checkbox"/>	ICS 208 - Site Safety Plan(s)		
<input type="checkbox"/>	Reactive Phase Weather Report	<input type="checkbox"/>	ICS 211P - Check In List		
<input type="checkbox"/>	Reactive Phase Notifications	<input checked="" type="checkbox"/>	ICS 230 - Meeting Schedule		
		<input type="checkbox"/>	Weather Report		
		<input type="checkbox"/>	ICS 213 - General Message(s)		
		<input type="checkbox"/>	ICS 214 - Activity Logs		
		<input type="checkbox"/>	Incident Critique		

Operational Period #6

03/10 08:30 CDT - 03/11 08:30 CDT

Incident Action Plan

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ICS 202: Incident Objectives

Incident: BNSF Galena Derailment	Prepared By: Ashley Reardon
Period: #6: 03/10/2015 08:30 CDT - 03/11/2015 08:30 CDT	Version Name: 03/09/2015 16:29 CDT
Objective(s)	
1. SAFETY OF RESIDENTS & FIRST RESPONDERS 2. PROTECT ENVIRONMENT BY CONTROLLING RUNOFF 3. STABILIZE SITE 4. MONITOR ENVIRONMENTAL CONDITIONS/IMPACTS 5. FACILITATE INVESTIGATIONS & PRODUCT SAMPLING/RECOVERY 6. RESTORE DERAILMENT SITE 7. ENSURE SAFE AND EFFECTIVE TRACK OPERATIONS	
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 ESTABLISH TRAFFIC CONTROL PLAN AND COMMUNICATE TO ALL RESPONDERS LIMITTIONS/CONSTRAINTS BEING ABLE TO EGRESS FROM WORK AREA. NEED TO DEVELOP PLAN	
General Situational Awareness	
WRECKING AND REMOVAL OPERATIONS CONTINUE/CONCLUDE ENVIRONMENTAL SAMPLING CONTINUES	

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: BNSF GALENA DERAILMENT		2. Operational Period: Date From: 3/10/15 Date To: 3/11/15 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/Paul Ruesch	Chief	BNSF	Greg Jefferies
IEPA	Blaine Kinsley/George Krebs	Deputy	US EPA	Brad Benning
BNSF RR	Nic Winslow			
Galena FD	Chief Randy Beadle	Staging Area		
		Branch	Remediation	
		Branch Director	BNSF	Greg Jeffries
Safety Officer	Kurt Merkle, Arcadis	Deputy		
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	Recovery	
City of Galena	Mark Moran	Branch Director		
Jo Daviess Sheriff	Kevin Turner	Deputy		
5. Planning Section:		Division/Group		
Chief	Laura Weems	Division/Group		
Deputy	Steve Shults/Jason Coyle	Division/Group		
Resources Unit	John Pasquier	Branch	Site Security	
Situation Unit	Dave Hentrich	Branch Director	BNSF Resource Protection	
Documentation Unit	Ashley Reardon	Deputy		
Demobilization Unit		Division/Group		
Technical Specialists	Shawn Wnek, PhD (Tox)	Division/Group		
USCG Strike Team	Rich Forte	Branch	Environmental Monitoring	Steve Faryan
		Division/Group	Soil	Arcadis
		Division/Group	Air	CTEH
6. Logistics Section:		Division/Group	Water	Pinnacle/TRC
Chief	BNSF RR	Division/Group	Oversight	EPA/IEPA
Deputy		Air Operations Branch		
Support Branch	COML	Air Ops Branch Dir.		
Director	IEMA			
Supply Unit				
Facilities Unit		8. Finance/Administration Section:		
Ground Support Unit		Chief	BNSF RR	

ORGANIZATION ASSIGNMENT LIST (ICS 203)

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Service Branch		Deputy	IL-IMT BOB DOTY (T)
Director		Time Unit	
Communications Unit		Procurement Unit	
Medical Unit		Comp/Claims Unit	
Food Unit	ARC, LESLIE MASTERONI	Cost Unit	
9. Prepared by: Name: <u>Mike Rosdahl</u> Position/Title: <u>Staff Scientist</u> Signature: _____			
ICS 203	IAP Page _____	Date/Time: <u>3/8/2015 1219 HRS</u>	

ICS 204 - Assignment List

Incident:	BNSF Galena Derailment	Period:	#6: 03/10/2015 08:30 CDT - 03/11/2015 08:30 CDT
Branch:	REMEDIATION	Division / Group:	REMEDIATION
Prepared By:	Ashley Reardon	Version Name:	03/09/2015 16:29 CDT
Unit:			

Tactical Objective

Screening site for contamination, removing contaminated soil, and backfilling soil.

Assignments

Inspection of possible soil contamination

Excavation of contaminated soil

Backfill and grading of excavated area

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
BNSF Contractor	Greg Jefferies		612-878-7995	BNSF

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 Exclusion Zone.

ICS 204 - Assignment List

Incident:	BNSF Galena Derailment	Period:	#6: 03/10/2015 08:30 CDT - 03/11/2015 08:30 CDT	
Branch:	RECOVERY	Division / Group:	RECOVERY	
Prepared By:	Ashley Reardon	Version Name:	03/09/2015 16:29 CDT	
Unit:				
Tactical Objective				
Conduct vacuum operations, tank car salvage, and provide/maintain containment.				
Assignments				
Utilize vacuum trucks to collect pooled/residual product and containerize in frac tanks staged in the support zone south east of exclusion zone.				
Purge and prep tank cars for salvage				
Inspect and maintain containment/soft boom				
Inspect and maintain earthen berm				
Resources Required				
Resource Identifier	Leader	# of Units	Contact	Notes
Vac Trucks		9		
Frac Tanks		14		
BNSF Contractors				
HAZMAT Contractors				
Salvage Contractors				
Excavator		5		
Track Loader		3		
Rubber Tire Loader		2		
Bulldozer		1		
Rubber Tire Back Hoe		1		
Steel Wheel Compactor		1		
Side Boom		8		
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				

ICS 204 - Assignment List

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

ICS 204 - Assignment List

Incident:	BNSF Galena Derailment	Period:	#6: 03/10/2015 08:30 CDT - 03/11/2015 08:30 CDT
Branch:	SITE SECURITY	Division / Group:	SITE SECURITY
Prepared By:	Ashley Reardon	Version Name:	03/09/2015 16:29 CDT
Unit:			

Tactical Objective

Maintain site control for the Incident Command Post and Exclusion/Support Zones.

Assignments

Scan/issue personnel badges at Trailer #1

Visually inspect badges and record entry of all personnel with out company affiliation attached to vehicles at access points

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
BNSF Resource Protection	BNSF	6		
Local Police		4		

Assignment Progress and Issues

See Site Security Plan attachment.

Location of Work

At the Incident Command Post and access points to incident site.

ICS 204 - Assignment List

Incident: BNSF Galena Derailment	Period: #6: 03/10/2015 08:30 CDT - 03/11/2015 08:30 CDT			
Branch: ENVIRONMENTAL MONITORING	Division / Group: ENVIRONMENTAL MONITORING			
Prepared By: Ashley Reardon	Version Name: 03/09/2015 16:29 CDT			
Unit:				
Tactical Objective				
Conduct soil, water, and air sampling in support of operations.				
Assignments				
Soil sampling in the Exclusion Zone per Soil Sampling Plan				
Water sampling upstream and downstream per the Water Sampling Plan				
Conduct real-time air monitoring in the community and on-site in support of operations per Air Sampling Plan/Worker Exposure Plan				
Resources Required				
Resource Identifier	Leader	# of Units	Contact	Notes
BNSF Contractors	Arcadis - Fred Payne	3		
US EPA Contractors	US EPA	2		
Assignment Progress and Issues				
See attached Soil, Water, Air, and Worker Exposure Plans.				
Location of Work				
In the Exclusion Zone, Support Zone, and surrounding community.				

ICS 204 - Assignment List

Incident:	BNSF Galena Derailment	Period:	#6: 03/10/2015 08:30 CDT - 03/11/2015 08:30 CDT
Branch:	RESTORATION	Division / Group:	RESTORATION
Prepared By:	Ashley Reardon	Version Name:	03/09/2015 16:29 CDT
Unit:			

Tactical Objective

Conduct wrecking and track restoration operations

Assignments

Remove identified cars and stage in preparation for scraping

Resources Required

Resource Identifier	Leader	# of Units	Contact	Notes
BNSF Contractors				

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 Exclusion Zone

ICS 205: Communication Plan

Incident: BNSF Galena Derailment	Prepared By: Ashley Reardon
Period: #6: 03/10/2015 08:30 CDT - 03/11/2015 08:30 CDT	Version Name: 03/09/2015 16:29 CDT

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
			NORTH A	COMMAND					A	STARCOM ZONE AA
			VTAC11	OPERATIONS	151.1375 N	156.7	151.1375 N	156.7	A	ITECHS VHF BaseN Zone
			FG BLUE	FIRE/EMS	154.2950 N	CS	154.2950N	85.4	A	ITECS VHF FireN Zone
			JC CD W	LE PERIMETER	0	0	0	0	0	0

Phone Listings

Name	Title	Phone	Radio	Email	Other
Ashley Reardon	Documentation Unit Leader	501-247-6691	<input type="checkbox"/>	areardon@cteh.com	
Blaine Kinsley	Incident Commander - IEPA	217-720-1329	<input type="checkbox"/>	blaine.kinsley@illinois.gov	
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	
Clay Reid	Manager, Hazardous Materials Safety	817-313-0592	<input checked="" type="checkbox"/>	clay.reid@bnsf.com	Day
Cory Davis	Partner/Principal Consultant	501-258-7881	<input type="checkbox"/>	cdavis@cteh.com	
Dave Estep	Manager, Sunpro	708-653-2559	<input type="checkbox"/>		
Dave Hentrich	Resources Unit Leader	630-452-9910	<input type="checkbox"/>		
Dennis Bingheim	Deputy IC	217-430-9635	<input type="checkbox"/>		Illinois IMT - Deputy IC
Derek Lampkin	Director, Hazardous Materials Safety	612-760-1365	<input checked="" type="checkbox"/>	Derek.Lampkin@BNSF.com	Night
Don Warren	CTEH PM (Onsite air monitoring)	601-278-7814	<input type="checkbox"/>	dwarren@cteh.com	
Dr. Shawn Wnek	Toxicologist, CTEH Project Technical Director	501-258-7132	<input type="checkbox"/>	swnek@cteh.com	
Eric Callahan	Data Management - CTEH	501-366-1525	<input type="checkbox"/>	ecallahan@cteh.com	
George Krebs	Deputy Incident Commander - IEPA	217-306-3537	<input type="checkbox"/>	george.krebs@illinois.gov	Illinois EPA
Greg Jefferies	Operations Section Chief	612-868-7995	<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"/>		
Jason Coyle	Planning Section Chief Deputy	612-965-2576	<input type="checkbox"/>	jcoyle@wenck.com	
John Pasquier	Situation Unit Leader	281-728-2004	<input type="checkbox"/>	jpasquier@responsegroupinc.com	
Kurt Merkle	Safety Officer	215-534-0435	<input type="checkbox"/>		
Kyle Bennett	CTEH Project Manager (Community Air)	501-747-6787	<input type="checkbox"/>	kbennett@cteh.com	
Nic Winslow	Incident Commander - BNSF	406-202-8051	<input type="checkbox"/>	dominic.winslow@bnsf.com	Hazmat Planning
Paul Ruesch	Planning Section Deputy	312-919-4382	<input type="checkbox"/>	ruesch.paul@epa.gov	
Ramon Mendoza	Operations Section	312-802-1409	<input type="checkbox"/>	mendoza.ramon@epa.gov	Night
Steve Faryan	Environmental Monitoring	312-802-0507	<input type="checkbox"/>		US EPA
Steve Pierson	Vac Team Two	651-785-6074	<input type="checkbox"/>		
Steve Shults	Planning Section Chief Deputy	309-840-2568	<input type="checkbox"/>		

Additional Comments

ICS 206: Medical Plan

Incident: BNSF Galena Derailment	Prepared By: Ashley Reardon
Period: #6: 03/10/2015 08:30 CDT - 03/11/2015 08:30 CDT	Version Name: 03/09/2015 16:29 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			FG BLUE
Hulcher Staging Area (South/East end of derailment)	Near rail crossing at 1500 South River Road, Galena, IL			
MABAS Tent	MABAS Tent, IL 84, US 20 Bridge. Near 200 Spring Street, Galena, IL	Yes		

Transportation (Ground and/or Air Ambulance Services)

Name	Location	Paramedics	Phone	Radio
Galena Ambulance Service	217 Summit Street, Galena, IL 61036	No		JSC CD

Hospitals

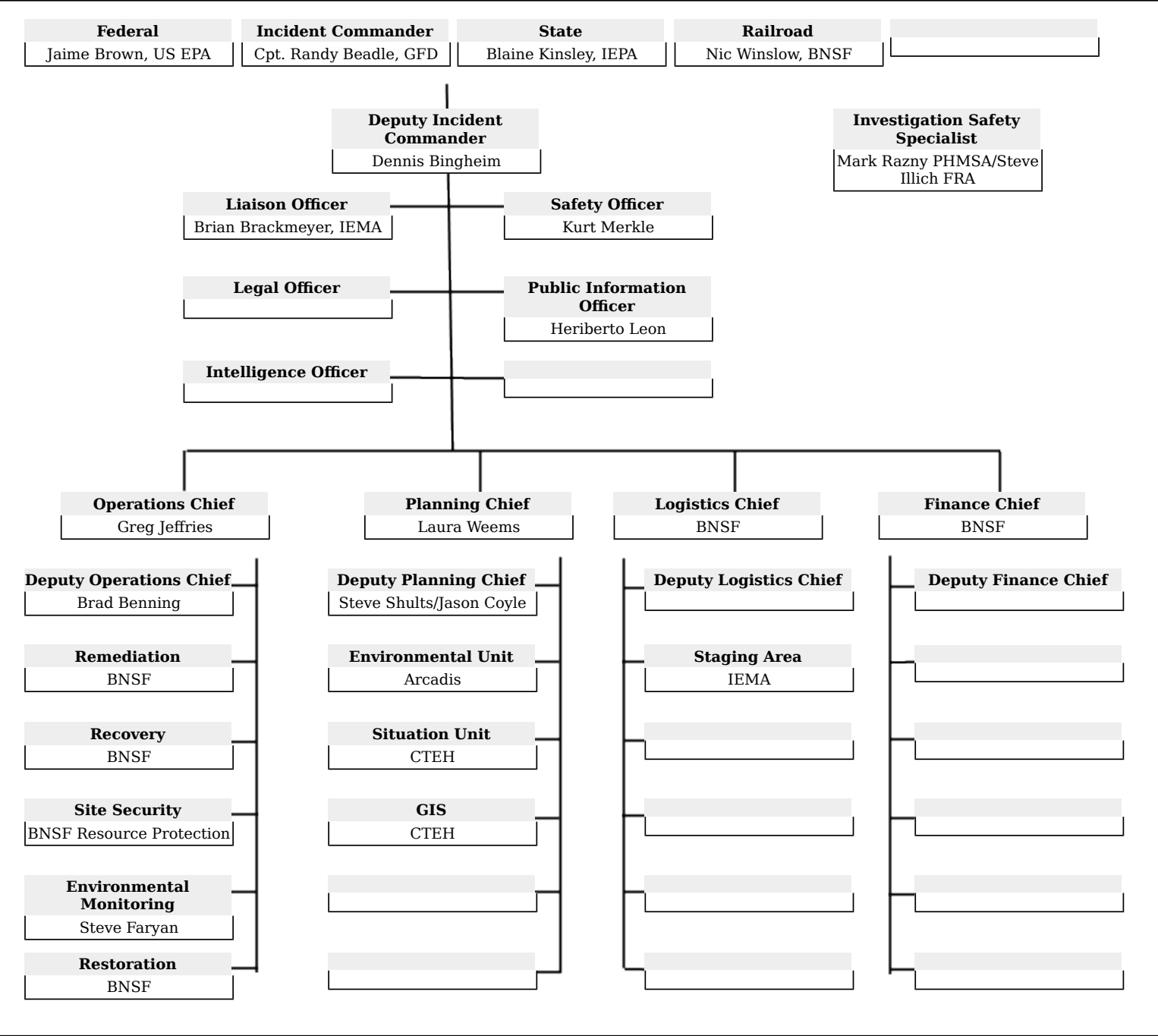
Name	Location	Burn Center	Helipad	Phone	Radio
Midwest Medical Center	1 Medical Center Drive, Galena, IL	No	Yes	815-777-1340	
OSF Saint Anthony Medical Center	Rockford, IL	Yes	Yes	815-226-2000	
Dubuque Hospital	Dubuque, IA	Yes	Yes		

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: #6: 03/10/2015 08:30 CDT - 03/11/2015 08:30 CDT	Version Name: 03/09/2015 16:29 CDT



ICS 230: Daily Meeting Schedule

Incident: BNSF Galena Derailment			Prepared By: Jason Coyle	
Period: #6: 03/10/2015 08:30 CDT - 03/11/2015 08:30 CDT			Version Name: 03/10/2015 07:57 CDT	
Meetings				
Meeting Name	Date / Time	Purpose	Attendees	Location
Command & General Staff Meeting	03/10/2015 08:00 CDT	Define objectives	Command and General Staff (USEPA, IEPA, BNSF, FRA, Galena FD)	Incident Command Post, Trailer #3
Safety & Operations Briefing	03/10/2015 08:30 CDT	Safety & Ops to Ops personnel. Deploy next OP	Site personnel, Supervisors	Incident Command Post, Trailer #2
Tactics Meeting	03/10/2015 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	03/10/2015 13:00 CDT	IAP development	Command and General Staff	Incident Command Post, Trailer #3
IAP & SITREP Approval	03/10/2015 17:00 CDT	Approve and sign IAP, copy and distribution	IC/UC, PSC, SITL	Incident Command Post, Trailer #3
Operations Briefing	03/10/2015 19:00 CDT	Provide update on day operations & changes for night shift	Site personnel, supervisors	Incident Command Post, Trailer #2

0 50 100 200 Feet

