

<b>Cover Sheet</b>		Version Name: OP 32
Incident Name: East Palestine Train Derailment 02032023		Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]
<b>Approved By</b>		
EPA Region 5:	Dollhopf, Ralph	<i>Ralph Dollhopf</i>
Village of East Palestine FD:	Drabick, Keith	<i>Keith Drabick</i>
Columbiana Co EMA:	Clark, Peggy	<i>Peggy Clark</i>
Ohio EPA:	Vogel, Anne	<i>Anne Vogel</i>
Norfolk Southern:	Hunsicker, Chris	<i>Chris Hunsicker</i>

# Incident Action Plan

Sheet Piling in Car Scrapping Area 4, Facing Northeast



Sheet Piling in Car Scrapping Area 4, Facing Northeast

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Accident Name: East Palestine Train Derailment 02032023	Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]
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Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]

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Incident Map/Sketch

NS\_East Palestine\_F2\_Onsite Features.jpg



<b>ICS 202 - Incident Objectives</b>		Version Name: OP 32	
Incident Name: East Palestine Train Derailment 02032023		Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]	
<b>Objective</b>			
Ensure the health and safety of the public and response personnel.			
Conduct integrated outreach by Unified Command Group (UCG) organizations to share information.			
Conduct environmental air and water monitoring/sampling around worksites and in the community.			
Continue cleanup of remaining areas of the derailment site and surface water bodies.			
Maintain participation of local, state and federal agencies in Public Health Advisory Unit (PHAU) to ensure effective coordination with Unified Command Group.			
<b>Operational Period Command Emphasis (Safety Message, Priorities, Key Decisions/Directions)</b>			
1. Finalize waste profiling, continue in-situ characterization and begin excavation work in CSA4 and South Ditch area. 2. Implement commercial and residential structure cleaning program. 3. Complete final review of Contained-In Determination proposal. 4. Continue implementation of Appendix E work activity. 5. Continue implementation of groundwater characterization (Appendix I). 6. Resolve Migration of unknown liquid entering North Ditch.			
<b>General Situation Awareness (Safety bullets, Weather, etc.)</b>			
1. Refer all questions from the public, social media, and the press/media to PIO/JIC. 2. Respect security measures in work areas. 3. Display incident credentials. 4. Both tracks are fully active.			
<b>Incident Action Plan Components</b>			
<input checked="" type="checkbox"/>	IAP Cover Sheet	<input checked="" type="checkbox"/>	Map/Sketch
<input checked="" type="checkbox"/>	Weather Report	<input checked="" type="checkbox"/>	ICS 202 - Incident Objectives
<input checked="" type="checkbox"/>	ICS 203 - Organization Assignment List	<input checked="" type="checkbox"/>	ICS 204 - Assignment List
<input checked="" type="checkbox"/>	ICS 205a - Communications List	<input checked="" type="checkbox"/>	ICS 206 - Medical Plan
<input checked="" type="checkbox"/>	ICS 207 - Organization Chart	<input checked="" type="checkbox"/>	ICS 223 - Health and Safety Message
<input checked="" type="checkbox"/> Approve Site Safety Plan Located at : HASP V3.1			
<b>ICS 202 - Incident Objectives</b>		Prepared By Craig Thomas, Updated 08/10/2023 14:02 EDT UTC-4 PP	
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ICS 202a - Command Direction		Version Name: OP 32	
Incident Name: East Palestine Train Derailment 02032023		Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]	
Priorities			
Limitations and Constraints			
Key Decisions and Procedures			
<div>STRATEGIC MANAGEMENT OBJECTIVES</div> <div>1. Ensure the health and safety of the public and response personnel.</div> <div>2. Maintain and enhance the unified response organization with local/state/federal agencies and Norfolk Southern.</div> <div>3. Collect, manage, and communicate multimedia environmental data with local/state/federal agencies and the community in a timely manner.</div> <div>4. In coordination with local leaders, conduct public health assessment, data evaluation, and community engagement.</div> <div>5. Speak with one voice on public health, natural resources, and environmental conditions (air, soil and water) through transparency and effective communications in coordination with partners.</div> <div>6. Provide response updates to congressional delegations and the media.</div> <div>7. Direct and oversee assessment and cleanup to ensure protection of human health and the environment.</div> <div>8. Establish measurable targets for specific operational objectives.</div>			
ICS 202a - Command Direction		Prepared By Craig Thomas, Updated 08/10/2023 10:22 EDT UTC-4 PP	
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ICS 202b - Critical Information Requirements	Version Name: OP 32		
Incident Name: East Palestine Train Derailment 02032023	Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]		
<p><b><i>Critical Incident Reporting Threshold (Critical Information Reports):</i></b></p> <p>Notify Incident Commander/Unified Command immediately face-to-face either in person or by phone for any of the following:</p> <ul style="list-style-type: none"><li>• Injury beyond first aid / hospitalization</li><li>• Vehicle accidents involving the public</li><li>• Evacuation (community or worksite)</li><li>• Complete work stoppage for any reason</li><li>• Public demonstrations / protests</li><li>• Trespassing / vandalism resulting in law enforcement response.</li><li>• Any incident requiring FD/EMT response related to the site</li></ul>			
ICS 202b - Critical Information Requirements	Prepared By Tyler Ham, Updated 08/09/2023 09:36 EDT UTC-4 PP		
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ICS 203 - Organization Assignment List		Version Name: OP 32	
Incident Name: East Palestine Train Derailment 02032023		Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]	
Command		Operations Section	
EPA Region 5	Dollhopf, Ralph	Operations Section Chief	Edwards, Tricia
EPA Region 5 (Deputy)	Wolfe, Steve	Operations Section Chief	Kelly, Brian
East Palestine Fire Dept	Drabick, Keith (Fire Chief)	Operations Section Chief	Gaudi, Justin
Columbiana Co EMA	Clark, Peggy	Operations Section Chief	Jackson, Matt
Columbiana Co EMA (Deputy)	Rutledge, Brian	Deputy Operations Section Chief	Powell, Greg
Ohio EPA	Vogel, Anne	Deputy Operations Section Chief	Cameron, Patrick
Ohio EPA (Deputy)	Eberle, Mike P		
Norfolk Southern	Wood, Robert	Finance Section	
Public Information Officer	Brakeall, John B.	Finance Section Chief	Hackley, Rick
JIC Coordinator	Edmunds, Crystal	Deputy Finance Section Chief	Krieger, Geoffrey
Liaison Officer	DiDonato, Ann		
Liaison Officer	Kelly, Jack		
Safety Officer	Horvatin, Shanna		
Asst. Safety Officer	Reger, Zech		
Security Officer	Sullivan, Sean		
Safety Advisor	Eberts, Howie		
Safety Advisor	Wells, Blaine S.		
R5 EOC	Kondreck, Robert		
Public Health Advisor	Zadeh, Mina		
Public Health Advisor	Caudill, Motria		
Public Health Advisor	Helverson, Robert		
Public Health Advisor	Vins, Wesley		
Public Health Advisor	Himes, Lance		
Public Health Advisor	Watkins, Sharon		
Community Engagement	Durno, Mark		
Data Support Coordinator	Sewell, Jason		
Scientific Support Coordinator	Justice, James		
Scientific Support Coordinator	Mitchell, Jim		
ICS 203 - Organization Assignment List		Prepared By Craig Thomas, Updated 08/10/2023 09:32 EDT UTC-4 PP	
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<b>Work Plans</b>			Group: Disposal - 11	
Incident Name: East Palestine Train Derailment 02032023			Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]	
<b>Operations Personnel</b>				
<b>Position</b>	<b>Name</b>	<b>Affiliation</b>	<b>Contact Number(s)</b>	<b>Shift</b>
Operations Section Chief	Kelly, Brian	US EPA R5	734-740-9019	
Operations Section Chief	Gaudi, Justin	ARCADIS	724-889-3305	
Deputy Operations Section Chief	Powell, Greg	START	859-609-2160	
Operations Section Chief	Jackson, Matt	Project Navigator Limited	281-475-3160	
Operations Section Chief	Edwards, Tricia	US EPA R5	734-740-9016	
Deputy Operations Section Chief	Cameron, Patrick	START	757-353-7212	
Branch Director	Hassan, Jacob	US EPA R5	312-882-4297	
Branch Director	Turner, Kevin	US EPA R5	618-525-3665	
Division/Group Supervisor	Zingales, Frank	Ohio EPA	330-963-1108	
Division/Group Supervisor	Hunt, Daniel	Norfolk Southern	404-273-4472	
Division/Group Supervisor	Clayton, Michelle	ARCADIS	412-614-1624	
<b>Resources Required</b>				
<b>Area Of Operation</b>	<b>Resource Kind</b>	<b>Description</b>	<b>Quantity</b>	<b>Size</b>
<b>Assignments</b>				
<p>1) Track waste disposal.</p> <p>2) Review waste profiles to proposed disposal facilities.</p> <p>3) Communicate w/ EPA mgt. on transportation routes and waste disposal issues as needed.</p> <p>4) Conduct and incorporate recommendations from EJ transportation reports.</p> <p>5) Assist with responses to congressional inquiries pertaining to waste disposal.</p>				
<b>Work Plans</b>			Updated 08/10/2023 12:33 EDT UTC-4	
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<b>Work Plans</b>			Group: Structure Cleaning - 12	
Incident Name: East Palestine Train Derailment 02032023			Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]	
<b>Operations Personnel</b>				
<b>Position</b>	<b>Name</b>	<b>Affiliation</b>	<b>Contact Number(s)</b>	<b>Shift</b>
Operations Section Chief	Kelly, Brian	US EPA R5	734-740-9019	
Operations Section Chief	Gaudi, Justin	ARCADIS	724-889-3305	
Deputy Operations Section Chief	Powell, Greg	START	859-609-2160	
Operations Section Chief	Jackson, Matt	Project Navigator Limited	281-475-3160	
Operations Section Chief	Edwards, Tricia	US EPA R5	734-740-9016	
Deputy Operations Section Chief	Cameron, Patrick	START	757-353-7212	
Division/Group Supervisor	Gulch, Jon	US EPA R5	734-740-9017	
Division/Group Supervisor	Harden, Will	Norfolk Southern	757-581-9539	
Division/Group Supervisor	Vega, Sonia	US EPA R5	651-402-2562	
Division/Group Supervisor	Fenske, Jacob	CTEH	501-584-8239	
Division/Group Supervisor	Vaccarello, Cheryl L	START	847-630-4356	
<b>Resources Required</b>				
<b>Area Of Operation</b>	<b>Resource Kind</b>	<b>Description</b>	<b>Quantity</b>	<b>Size</b>
<b>Assignments</b>				
1) Coordinate w/state/local governments on obtaining eligible addresses. 2) Coordinate w/ Welcome Center and Family Assistance Center on communication/enrollment efforts. 3) Maintain list of locations scheduled for cleaning. 4) Conduct pre-cleaning interviews (as scheduled). 5) Conduct pre-cleaning inspection and cleaning following Cleaning Operations Plan/Structure Cleaning Protocol. 6) Obtain post-cleaning sign off.				
<b>Special Instructions</b>				
CRITICAL INFORMATION REPORTS 1. Injury beyond first aid / hospitalization 2. Vehicle accidents involving the public 3. Evacuation 4. Complete work stoppage for any reason 5. Public demonstrations / protests 6. Trespassing/vandalism resulting in law enforcement response 7. Any incident requiring FD/EMT response related to the site				
<b>Work Plans</b>			Prepared By Erroll Cunningham, Updated 08/10/2023 11:28 EDT U PP	
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<b>Work Plans</b>			Group: Stationary Air Monitoring - 15	
Incident Name: East Palestine Train Derailment 02032023			Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]	
<b>Operations Personnel</b>				
<b>Position</b>	<b>Name</b>	<b>Affiliation</b>	<b>Contact Number(s)</b>	<b>Shift</b>
Operations Section Chief	Kelly, Brian	US EPA R5	734-740-9019	
Operations Section Chief	Gaudi, Justin	ARCADIS	724-889-3305	
Deputy Operations Section Chief	Powell, Greg	START	859-609-2160	
Operations Section Chief	Jackson, Matt	Project Navigator Limited	281-475-3160	
Operations Section Chief	Edwards, Tricia	US EPA R5	734-740-9016	
Deputy Operations Section Chief	Cameron, Patrick	START	757-353-7212	
Branch Director	Morrison, Dave	US EPA R5	651-757-2408	
Branch Director	Larry, Danita	US EPA R5	312-835-8579	
Division/Group Supervisor	Economos, George T.	START	281-710-3959	
Division/Group Supervisor	Howes, Lisa Christine	CTEH	501-271-1150	
<b>Resources Required</b>				
<b>Area Of Operation</b>	<b>Resource Kind</b>	<b>Description</b>	<b>Quantity</b>	<b>Size</b>
<b>Assignments</b>				
1) Maintain on-site and community network on a 24-hr basis. 2) Report tampering/vandalism to OPS Section Chiefs, NS police and 911. 3) Report exceedances to US EPA & NS OPS Section Chiefs.  Equipment: AreaRAE Pros, SUMMA canisters/badges/sorbent tubes, Dustrak, VIPER, MultiRAE Pros  EPA/START reporting location: FOB - 1101 W. Main St. @ 0645hrs, night shift (1845 - 0645) CTEH reporting location: FCP @ 40 S. Market St.				
<b>Special Instructions</b>				
CRITICAL INFORMATION REPORTS 1. Injury beyond first aid / hospitalization 2. Vehicle accidents involving the public 3. Evacuation 4. Complete work stoppage for any reason 5. Public demonstrations / protests 6. Trespassing/vandalism resulting in law enforcement response 7. Any incident requiring FD/EMT response related to the site				
<b>Work Plans</b>			Updated 08/10/2023 10:55 EDT UTC-4	
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<b>Work Plans</b>			Group: Air Sampling - 16	
Incident Name: East Palestine Train Derailment 02032023			Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]	
<b>Operations Personnel</b>				
<b>Position</b>	<b>Name</b>	<b>Affiliation</b>	<b>Contact Number(s)</b>	<b>Shift</b>
Operations Section Chief	Kelly, Brian	US EPA R5	734-740-9019	
Operations Section Chief	Gaudi, Justin	ARCADIS	724-889-3305	
Deputy Operations Section Chief	Powell, Greg	START	859-609-2160	
Operations Section Chief	Jackson, Matt	Project Navigator Limited	281-475-3160	
Operations Section Chief	Edwards, Tricia	US EPA R5	734-740-9016	
Deputy Operations Section Chief	Cameron, Patrick	START	757-353-7212	
Branch Director	Morrison, Dave	US EPA R5	651-757-2408	
Branch Director	Larry, Danita	US EPA R5	312-835-8579	
Division/Group Supervisor	De Luca, Maria	Tetra Tech	916-709-4243	
Division/Group Supervisor	Howes, Lisa Christine	CTEH	501-271-1150	
<b>Resources Required</b>				
<b>Area Of Operation</b>	<b>Resource Kind</b>	<b>Description</b>	<b>Quantity</b>	<b>Size</b>
<b>Assignments</b>				
<p>1) Collect daily (24hr) SUMMA canisters, passive sampling badges and sorbent tubes for analysis.</p> <p>2) Ensure security and integrity of equipment by routine visits to each location.</p> <p>3) Report tampering/vandalism to OPS Section Chiefs.</p> <p>Equipment: AreaRAE Pros, SUMMA canisters/badges/sorbent tubes, Dustrak, VIPER, MultiRAE Pros, Safety Suite Software</p> <p>EPA/START reporting location: FOB @ 1101 W. Main St. @ 0645hrs, night shift (1845-0645)</p> <p>CTEH reporting location: FCP @ 40 S. Market St.</p>				
<b>Special Instructions</b>				
<p>Traffic/train awareness (use designated routes). Use buddy system, wear high viz vests. Refer media inquiries to JIC. Report any worker health, safety or security issues to SO.</p> <p>Emergencies call 911 and NS Police @ 800-453-2530</p> <p>CRITICAL INFORMATION REPORTS</p> <ol style="list-style-type: none"> <li>1. Injury beyond first aid / hospitalization</li> <li>2. Vehicle accidents involving the public</li> <li>3. Evacuation</li> <li>4. Complete work stoppage for any reason</li> <li>5. Public demonstrations / protests</li> <li>6. Trespassing/vandalism resulting in law enforcement response</li> <li>7. Any incident requiring FD/EMT response related to the site</li> </ol>				
<b>Work Plans</b>			Updated 08/10/2023 10:51 EDT UTC-4	
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<b>Work Plans</b>			Group: Site Characterization - 17	
Incident Name: East Palestine Train Derailment 02032023			Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]	
<b>Operations Personnel</b>				
<b>Position</b>	<b>Name</b>	<b>Affiliation</b>	<b>Contact Number(s)</b>	<b>Shift</b>
Operations Section Chief	Kelly, Brian	US EPA R5	734-740-9019	
Operations Section Chief	Gaudi, Justin	ARCADIS	724-889-3305	
Deputy Operations Section Chief	Powell, Greg	START	859-609-2160	
Operations Section Chief	Jackson, Matt	Project Navigator Limited	281-475-3160	
Operations Section Chief	Edwards, Tricia	US EPA R5	734-740-9016	
Deputy Operations Section Chief	Cameron, Patrick	START	757-353-7212	
Division/Group Supervisor	Orellana, Ricardo	START	513-739-3203	
Division/Group Supervisor	Simpson, Alexandra	ARCADIS	720-335-8935	
Branch Director	Knight, Stephanie	ARCADIS	919-995-5766	
Division/Group Supervisor	Zingales, Frank	Ohio EPA	330-963-1108	
<b>Resources Required</b>				
<b>Area Of Operation</b>	<b>Resource Kind</b>	<b>Description</b>	<b>Quantity</b>	<b>Size</b>
<b>Assignments</b>				
1) Prepare for and initiate Characterization Workplan for Derailment Area Soil (Appendix E) activities (upon QAPP approval). 2) Conduct on-site training for staff involved with soil characterization work according to Appendix E. 3) Conduct surveying needed to prepare for Appendix E work. 4) Conduct utility locating needed to prepare for Appendix E work. 5) Continue installation of groundwater monitoring wells according to approved Ground Water Characterization Plan (Appendix I). 6) Continue expanded groundwater sampling according to Appendix I.				
<b>Special Instructions</b>				
CRITICAL INFORMATION REPORTS 1. Injury beyond first aid / hospitalization 2. Vehicle accidents involving the public 3. Evacuation 4. Complete work stoppage for any reason 5. Public demonstrations / protests 6. Trespassing/vandalism resulting in law enforcement response 7. Any incident requiring FD/EMT response related to the site				
<b>Work Plans</b>			Prepared By Erroll Cunningham, Updated 08/10/2023 11:28 EDT U PP	
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<b>Work Plans</b>			Group: Water Treatment - 18	
Incident Name: East Palestine Train Derailment 02032023			Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]	
<b>Operations Personnel</b>				
<b>Position</b>	<b>Name</b>	<b>Affiliation</b>	<b>Contact Number(s)</b>	<b>Shift</b>
Operations Section Chief	Kelly, Brian	US EPA R5	734-740-9019	
Operations Section Chief	Gaudi, Justin	ARCADIS	724-889-3305	
Deputy Operations Section Chief	Powell, Greg	START	859-609-2160	
Operations Section Chief	Jackson, Matt	Project Navigator Limited	281-475-3160	
Operations Section Chief	Edwards, Tricia	US EPA R5	734-740-9016	
Deputy Operations Section Chief	Cameron, Patrick	START	757-353-7212	
Branch Director	Hunt, Daniel	Norfolk Southern	404-273-4472	
Division/Group Supervisor	Swennson, Matthew	ARCADIS	412-523-9295	
Division/Group Supervisor	Wescott, James	START / Tetra Tech	312-201-7781	
Division/Group Supervisor	Zingales, Frank	Ohio EPA	330-963-1108	
<b>Resources Required</b>				
<b>Area Of Operation</b>	<b>Resource Kind</b>	<b>Description</b>	<b>Quantity</b>	<b>Size</b>
<b>Assignments</b>				
1) Begin treating wastewater system (pending approval), following the CID summary memo, Operation Monitoring and Maintenance Plan and QAPP. 2) Collect samples of sludge and treated water for waste characterization purposes (pending approval). 3) Develop and sample piezometers in CSA 4.				
<b>Special Instructions</b>				
<b>CRITICAL INFORMATION REPORTS</b> 1. Injury beyond first aid / hospitalization 2. Vehicle accidents involving the public 3. Evacuation 4. Complete work stoppage for any reason 5. Public demonstrations / protests 6. Trespassing/vandalism resulting in law enforcement response 7. Any incident requiring FD/EMT response related to the site				
<b>Work Plans</b>			Prepared By Erroll Cunningham, Updated 08/10/2023 11:33 EDT U PP	
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<b>Work Plans</b>			Group: Site Remediation - 19	
Incident Name: East Palestine Train Derailment 02032023			Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]	
<b>Operations Personnel</b>				
<b>Position</b>	<b>Name</b>	<b>Affiliation</b>	<b>Contact Number(s)</b>	<b>Shift</b>
Operations Section Chief	Kelly, Brian	US EPA R5	734-740-9019	
Operations Section Chief	Gaudi, Justin	ARCADIS	724-889-3305	
Deputy Operations Section Chief	Powell, Greg	START	859-609-2160	
Operations Section Chief	Jackson, Matt	Project Navigator Limited	281-475-3160	
Operations Section Chief	Edwards, Tricia	US EPA R5	734-740-9016	
Deputy Operations Section Chief	Cameron, Patrick	START	757-353-7212	
Division/Group Supervisor	Fisher, Timothy	ARCADIS	949-375-1174	
Branch Director	Hunt, Daniel	Norfolk Southern	404-273-4472	
Branch Director	Peaslee, Corey	US EPA R5	312-758-0604	
Branch Director	Zingales, Frank	Ohio EPA	330-963-1108	
<b>Resources Required</b>				
<b>Area Of Operation</b>	<b>Resource Kind</b>	<b>Description</b>	<b>Quantity</b>	<b>Size</b>
<b>Assignments</b>				
<p>1) Oversee and direct response/mitigation/transportation and disposal efforts.</p> <p>2) Conduct groundwater, pore water, surface water and sediment monitoring/sampling.</p> <p>3) Implement Main Line Soil Interim Removal Plan.</p> <p>4) Maintain dust control activities to include water, street sweeping and wash down of roadways.</p> <p>5) Implement Borrow Source sampling.</p> <p>6) Investigate and control Source of unknown seepage in North Ditch.</p> <p>EPA/START reporting location: FOB @ 1101 W. Main St. @ 0645hrs (12hr shifts)</p> <p>NS/OEPA reporting location: FCP @ 40 S. Market St.</p> <p>Excavation 0700 - 1800, loadout 0700 - 1800.</p>				
<b>Work Plans</b>			Updated 08/10/2023 10:57 EDT UTC-4	
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<b>Work Plans</b>		Group: Site Remediation - 19	
Incident Name: East Palestine Train Derailment 02032023		Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]	
<b>Special Instructions</b>			
<p>- Follow sitewide HASP. Work site air monitoring will dictate PPE. Report any worker health, safety or security issues to SO. Maintain heightened awareness of bypass pump operations during sampling and sediment cleaning activities.</p> <p>- In the event of a serious employee injury, immediately contact SO. Work will not resume until it is agreed by all responsible parties it is safe to proceed.</p> <p>- Both tracks are live under Stop Board Controls. Trains have to stop and ask permission to enter zone. Check with the Roadway Worker in Charge (RWIC) at Pleasant Dr. for Stop Board Control. Do not foul tracks (within 4' of rail). Do not step on rail or walk down the middle of tracks.</p> <p>- Heavy equipment working in area. Wear high-visibility clothing. Avoid positioning in a blind spot or riding on moving equipment. Avoid setting up work area near heavy equipment.</p> <p>- Follow PPE guidance based on HASP in conjunction with onsite worker monitoring (CTEH).</p> <p>- Use work practices that minimize contamination of personnel and equipment. Use personnel and equipment decontamination procedures developed for each work group.</p> <p>Emergencies call 911 and NS Police @ 800-453-2530</p> <p><b>CRITICAL INFORMATION REPORTS</b></p> <ol style="list-style-type: none"> <li>1. Injury beyond first aid / hospitalization</li> <li>2. Vehicle accidents involving the public</li> <li>3. Evacuation</li> <li>4. Complete work stoppage for any reason</li> <li>5. Public demonstrations / protests</li> <li>6. Trespassing/vandalism resulting in law enforcement response</li> <li>7. Any incident requiring FD/EMT response related to the site</li> </ol>			
<b>Work Plans</b>		Updated 08/10/2023 10:57 EDT UTC-4	
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<b>Work Plans</b>		Group: Remediation & Sampling - 20		
Incident Name: East Palestine Train Derailment 02032023		Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]		
<b>Operations Personnel</b>				
<b>Position</b>	<b>Name</b>	<b>Affiliation</b>	<b>Contact Number(s)</b>	<b>Shift</b>
Operations Section Chief	Kelly, Brian	US EPA R5	734-740-9019	
Operations Section Chief	Gaudi, Justin	ARCADIS	724-889-3305	
Deputy Operations Section Chief	Powell, Greg	START	859-609-2160	
Operations Section Chief	Jackson, Matt	Project Navigator Limited	281-475-3160	
Operations Section Chief	Edwards, Tricia	US EPA R5	734-740-9016	
Deputy Operations Section Chief	Cameron, Patrick	START	757-353-7212	
Division/Group Supervisor	Hutchinson, Michael	Stantec	770-846-8716	
Division/Group Supervisor	Milner, Melissa	US EPA R5	312-353-1129	
Division/Group Supervisor	Orellana, Ricardo	START	513-739-3203	
Branch Director	Hunt, Daniel	Norfolk Southern	404-273-4472	
Division/Group Supervisor	Saunders, Gaige	START	231-288-2300	
Division/Group Supervisor	Adams, Rick	ARCADIS	978-888-5477	
Division/Group Supervisor	Zingales, Frank	Ohio EPA	330-963-1108	
<b>Resources Required</b>				
<b>Area Of Operation</b>	<b>Resource Kind</b>	<b>Description</b>	<b>Quantity</b>	<b>Size</b>
<b>Assignments</b>				
<p>1) Continue activities in CSAs 3 &amp; 4, north ditch, and south ditch per the Main Line Soil Interim Removal Plan.</p> <p>2) Continue in-situ waste characterization for South Ditch (east of N. Pleasant Dr.) following waste characterization plan.</p> <p>3) Install sheet pile to support operations as needed.</p> <p>4) Implement engineering and erosion sediment controls as needed.</p> <p>5) Monitor piezometers to measure perched GW levels in CSA 4.</p> <p>6) Locate utilities and/or expose as needed.</p> <p>7) Conduct groundwater monitoring utilizing at Sentinel wells.</p> <p>EPA/START reporting location: FOB @ 1101 W. Main St. @ 0645hrs (12hr shifts)</p> <p>NS/ARCADIS/CTEH reporting location: FCP @ 40 S. Market St.</p>				
<b>Work Plans</b>		Updated 08/10/2023 11:26 EDT UTC-4		
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<b>Work Plans</b>		Group: Surface Water / Sediment Quality - 23		
Incident Name: East Palestine Train Derailment 02032023		Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]		
<b>Operations Personnel</b>				
<b>Position</b>	<b>Name</b>	<b>Affiliation</b>	<b>Contact Number(s)</b>	<b>Shift</b>
Operations Section Chief	Kelly, Brian	US EPA R5	734-740-9019	
Operations Section Chief	Gaudi, Justin	ARCADIS	724-889-3305	
Deputy Operations Section Chief	Powell, Greg	START	859-609-2160	
Operations Section Chief	Jackson, Matt	Project Navigator Limited	281-475-3160	
Operations Section Chief	Edwards, Tricia	US EPA R5	734-740-9016	
Deputy Operations Section Chief	Cameron, Patrick	START	757-353-7212	
Division/Group Supervisor	Orellana, Ricardo	START	513-739-3203	
Branch Director	Hunt, Daniel	Norfolk Southern	404-273-4472	
Division/Group Supervisor	Saunders, Gaige	START	231-288-2300	
Division/Group Supervisor	Ator, Tim	EnviroScience	330-322-6149	
Division/Group Supervisor	Zawiski, William	Ohio EPA	330-963-1134	
Division/Group Supervisor	Eves, Megan	Arcadis		
<b>Resources Required</b>				
<b>Area Of Operation</b>	<b>Resource Kind</b>	<b>Description</b>	<b>Quantity</b>	<b>Size</b>
<b>Assignments</b>				
<p>1) Improve BMPs for storm/wash water run-off and follow substantive requirements for SWPPP.</p> <p>2) Monitor dam locations in Sulphur Run weekly.</p> <p>3) Collect and review surface water monitoring data.</p> <p>4) Continue qualitative assessments and collecting monitoring data.</p> <p>5) Continue to evaluate water quality data.</p> <p>6) Collect sediment/pore water samples and characterization of the covered culverts in Sulphur Run and Leslie Run (according to the relevant work plan and QAPP).</p>				
<p>EPA/USCG reporting location: FOB @ 1101 W. Main St. @ 0645hrs (12hr shifts)</p> <p>NS/OEPA/ARCADIS/CTEH reporting location: FCP @ 40 S. Market St.</p>				
<b>Work Plans</b>		Updated 08/10/2023 11:29 EDT UTC-4		
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<b>Work Plans</b>		Group: Surface Water / Sediment Quality - 23	
Incident Name: East Palestine Train Derailment 02032023		Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]	
<b>Special Instructions</b>			
<ul style="list-style-type: none"> <li>- Follow sitewide HASP. Work site air monitoring will dictate PPE. Report any worker health, safety or security issues to SO.</li> <li>- Maintain heightened awareness of bypass pump operations during sampling and sediment cleaning activities.</li> <li>- In the event of a serious employee injury, immediately contact SO. Work will not resume until it is agreed by all responsible parties it is safe to proceed.</li> <li>- Both tracks are live under Stop Board Controls. Trains have to stop and ask permission to enter zone. Check with the Roadway Worker in Charge (RWIC) at Pleasant Dr. for Stop Board Control. Do not foul tracks (within 4' of rail). Do not step on rail or walk down the middle of tracks.</li> <li>- Heavy equipment working in area. Wear high-visibility clothing. Avoid positioning in a blind spot or riding on moving equipment. Avoid setting up work area near heavy equipment.</li> <li>- Follow PPE guidance based on HASP in conjunction with onsite worker monitoring (CTEH).</li> <li>- Use work practices that minimize contamination of personnel and equipment. Use personnel and equipment decontamination procedures developed for each work group.</li> <li>- Emergencies call 911 and NS Police @ 800-453-2530</li> <li>- Use of proper PPE around water. Monitoring of water levels during work.</li> </ul>			
<b>CRITICAL INFORMATION REPORTS</b> <ol style="list-style-type: none"> <li>1. Injury beyond first aid / hospitalization</li> <li>2. Vehicle accidents involving the public</li> <li>3. Evacuation</li> <li>4. Complete work stoppage for any reason</li> <li>5. Public demonstrations / protests</li> <li>6. Trespassing/vandalism resulting in law enforcement response</li> <li>7. Any incident requiring FD/EMT response related to the site</li> </ol>			
<b>Work Plans</b>		Updated 08/10/2023 11:29 EDT UTC-4	
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<b>Work Plans</b>		Group: Solids & Liquids Handling - 24		
Incident Name: East Palestine Train Derailment 02032023		Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]		
<b>Operations Personnel</b>				
<b>Position</b>	<b>Name</b>	<b>Affiliation</b>	<b>Contact Number(s)</b>	<b>Shift</b>
Operations Section Chief	Kelly, Brian	US EPA R5	734-740-9019	
Operations Section Chief	Gaudi, Justin	ARCADIS	724-889-3305	
Deputy Operations Section Chief	Powell, Greg	START	859-609-2160	
Operations Section Chief	Jackson, Matt	Project Navigator Limited	281-475-3160	
Operations Section Chief	Edwards, Tricia	US EPA R5	734-740-9016	
Deputy Operations Section Chief	Cameron, Patrick	START	757-353-7212	
Division/Group Supervisor	Gittleson, Caleb	USCG AST	609-351-9579	
Branch Director	Hunt, Daniel	Norfolk Southern	404-273-4472	
Division/Group Supervisor	Runnion, Chad	Green Rock	615-454-0461	
Division/Group Supervisor	Lindley, Josh	SPSI	724-579-8700	
Division/Group Supervisor	McCune, Shawn William	Green Rock	724-944-7750	
Division/Group Supervisor	Ortiz, Norma	START	956-566-3701	
Division/Group Supervisor	Zingales, Frank	Ohio EPA	330-963-1108	
<b>Resources Required</b>				
<b>Area Of Operation</b>	<b>Resource Kind</b>	<b>Description</b>	<b>Quantity</b>	<b>Size</b>
<b>Assignments</b>				
<p>1) Continue cleaning &amp; demobilizing frac tanks and roll-off boxes.</p> <p>2) Ongoing load out of trucks of impacted solids and liquids.</p> <p>3) Ensure loaded trucks leaving designated loading area are tarped, rinsed, manifested and placarded.</p> <p>4) Support liquid transload to railcars at NS yard in Lordstown, OH following AAR BMP.</p> <p>5) Prepare and implement tactics for high hazard vac boxes.</p> <p>6) Support manifest tracking among ARCADIS, START, USEPA &amp; USCG.</p> <p>EPA/USCG reporting location: FOB @ 1101 W. Main St., @ 0645hrs, night shift (1845-0645)</p> <p>NS/OEPA/ARCADIS/CTEH reporting location: FCP @ 40 S. Market St.</p>				
<b>Special Instructions</b>				
<p>- Follow site HASP. Maintain coordination among SOs. Work site air monitoring dictates PPE.</p> <p>- Report any spills. Refer media inquiries to JIC. Report health/safety/security issues to SO/ASO.</p> <p>- Communicate activity associated with storage tanks with high concentrations or odors to SO. Continue to monitor headspace in plastic pellet roll-off boxes. Follow JHA for CSE when cleaning frac tanks.</p> <p>- Use designated routes, proper PPE. Notify START lead of odors/ action level exceedance.</p> <p>Emergencies call 911 &amp; NS Police @ 800-453-2530.</p> <p><b>CRITICAL INFORMATION REPORTS</b></p> <p>1. Injury beyond first aid / hospitalization</p> <p>2. Vehicle accidents involving the public</p> <p>3. Evacuation</p> <p>4. Complete work stoppage for any reason</p> <p>5. Public demonstrations / protests</p> <p>6. Trespassing/vandalism resulting in law enforcement response</p> <p>7. Any incident requiring FD/EMT response related to the site</p>				
<b>Work Plans</b>		Updated 08/10/2023 11:31 EDT UTC-4		
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ICS Form 205A Telephone Communications Plan		Incident: East Palestine Train Derailment	Operational Period: 0700 08/11/2023 to 0700 08/18/2023	
Incident Facilities		Name	Phone Number	Additional Information
Unified Command Post Forward Operating Base Field Command Post				UCP - 42083 SR 344, Columbiana, OH FOB - 1101 W. Main, E Palestine, OH FCP - 40 W. Market St, E. Palestine, OH
Position (ICS Title)	Organization	Name	Phone	Email
UCG	US EPA R5	Ralph Dollhopf	231-301-0559	dollhopf.ralph@epa.gov
UCG	E. Palestine FD	Keith (Chief) Drabick	440-915-2838	k.a.drabick@eastpalestine-oh.gov
UCG	Columbiana Co EMA	Peggy Clark	724-312-7144	peggy.clark@ccoema.org
UCG	Ohio EPA	Anne Vogel	614-397-8337	anne.vogel@epa.ohio.gov
UCG	Ohio EPA	Mike Eberle	330-963-1126	michael.eberle@epa.ohio.gov
UCG	NS	Robert Wood	404-989-2523	robert.wood2@nscorp.com
Command Staff				
Position	Organization	Name	Phone	Email
Deputy IC	US EPA R5	Stephen Wolfe	440-241-3620	wolfe.stephen@epa.gov
Deputy IC	US EPA R5	Jeff Kimble	734-740-9013	kimble.jeffrey@epa.gov
Deputy IC	Ohio EPA	Melisa Witherspoon	614-902-4232	melisa.witherspoon@epa.ohio.gov
Deputy IC	Columbiana Co EMA	Brian Rutledge	330-360-6912	brian.rutledge@ccoema.org
SO	US EPA R5	Shanna Horvatin	312-237-1637	horvatin.shanna@epa.gov
ASO	USCG AST	Francis Schiano	510-314-2407	francis.j.schiano@uscg.mil
ASO	CTEH	Andre Richardson	501-799-3547	arichardson@ctech.com
ASO	Pearson	Scott Wells	256-810-9346	
Safety Advisor	OSHA	Howie Eberts	773-485-7274	eberts.howard@dol.gov
Security Officer	TRG	Sean Sullivan	720-532-6285	sean.sullivan114@outlook.com
LNO	US EPA R3	Ann DiDonato	215-287-8157	didonato.ann@epa.gov
LNO	US EPA R3	Jack Kelly	215-514-6792	kelly.jack@epa.gov
RIC	US EPA R5	Mark Durno	440-476-7988	durno.mark@epa.gov
RIC	US EPA R5	Sam Borries	312-353-8360	borries.samuel@epa.gov
RIC	US EPA R5	Jason El-Zein	734-740-9010	el-zein.jason@epa.gov
RIC	US EPA R5	James Augustyn	440-476-7934	augustyn.james@epa.gov
Liaison Agencies				
Position	Organization	Name	Phone	Email
AA/CA	USDA	Jonathan McCracken	614-255-2400	Jonathan.McCracken@usda.gov
AA/CA	FDA	Stephen Perrine	419-508-4244	stephen.perrine@fda.hhs.gov
AA/CA	Beaver Co EMA	Eric Brewer	724-624-1455	ebrewer@beavercountypa.gov
AA/CA	Beaver Co EMA	Kevin Whipple	724-622-5806	kwhipple@beavercountypa.gov
AA/CA	Columbiana Co HD	Wesley Vins	330-424-0272	wvins@columbiana-health.org
AA/CA	Columbiana Co HD	Laura Fauss	330-429-6697	lfauss@columbiana-health.org
AA/CA	ORSANCO	Sam Dinkins	513-509-2972	sdinkins@orsanco.org
AA/CA	ORSANCO	Richard Harrison	859-393-4661	rharrison@orsanco.org
AA/CA	Ohio EMA	Sima Merick	614-561-6298	smerick@dps.ohio.gov
AA/CA	Ohio EMA	Andrew Elder	614-721-9332	adelder@dps.ohio.gov
AA/CA	ODH	Bruce Vanderhoff	614-466-3543	bruce.vanderhoff@odh.ohio.gov
AA/CA	ODH	Lance Himes	614-288-3055	lance.himes@odh.ohio.gov
AA/CA	ODOA	David Miran	614-381-0198	David.Miran@agri.Ohio.gov
AA/CA	OSHA	Charles Shelton	937-581-4147	Shelton.Charles@dol.gov
AA/CA	PA DOH	Julie Miller	412-628-7318	juvmille@pa.gov
AA/CA	PA DOH	Sharon Watkins	412-787-3350	shawatkins@pa.gov
AA/CA	PA DOA	Ryan Smith	717-635-5777	ryanpsmith@pa.gov
AA/CA	PA DOA	Walter Remmert	717-461-5473	wremmert@pa.gov
AA/CA	PA EMA	Randy Padfield	717-585-8041	dpadfield@pa.gov
Public Information				
Position	Organization	Name	Phone	Email
PIO	US EPA R3	John Brakeall	215-814-5537	Brakeall.John@epa.gov
PIO	US EPA R5	Jeff Lippert	312-886-6135	lippert.jeff@epa.gov
PIO	US EPA R5	Jennifer Ostermeier	312-886-1728	ostermeier.jennifer@epa.gov

PIO	US EPA R8	Crystal Edmunds	303-312-6124	edmunds.crystal@epa.gov
PIO	US EPA R5	Adrian Palomeque	440-250-1715	Palomeque.Adrian@epa.gov
PIO	US EPA R5	Phillippa Cannon	312-502-2669	cannon.phillippa@epa.gov
PIO	NS	Bryan Long	404-290-1787	bryan.long@nscorp.com
CIC	US EPA R5	Alexa Burnett	312-886-6188	burnett.alex@epa.gov
CIC	US EPA R5	Philip Gurley	872-280-6141	gurley.philip@epa.gov
CIC	US EPA R7	Pamela Houston	913-551-7699	houston.pamela@epa.gov
CIC	US EPA R5	Pam Gallichio	312-607-9408	gallichio.pam@epa.gov
CIC		Silvia Palomo	312-353-2172	palomo.silvia@epa.gov
CIC	US EPA R5	Eileen Deamer	312-343-6811	deamer.eileen@epa.gov
CIC	US EPA R7	Amelia Holcomb	816-819-0783	holcomb.amelia@epa.gov
<b>Operations</b>				
<b>Position</b>	<b>Organization</b>	<b>Name</b>	<b>Phone</b>	<b>Email</b>
OPS Chief	US EPA R5	Andrew Maguire	312-758-8672	maguire.andrew@epa.gov
OPS Chief	US EPA R5	Brian Kelly	734-740-9019	kelly.brian@epa.gov
OPS Chief	NS	Bob Scoble	419-603-7172	robert.scoble@nscorp.com
OPS Deputy	US EPA R5	Tricia Edwards	734-740-9016	edwards.tricia@epa.gov
OPS Deputy	PNL	Matt Jackson	281-475-3160	mjackson@projectnavigator.com
OPS Deputy	ARCADIS	Justin Gaudi	723-889-3305	justin.gaudi@arcadis.com
OPS Deputy	Tetra Tech	Greg Powell	859-609-2160	greg.powell@tetrattech.com
OPS Deputy	Tetra Tech	Pat Cameron	757-353-7212	pat.cameron@tetrattech.com
SSC	US EPA R5	James Justice	440-476-7694	justice.james@epa.gov
SSC	US EPA R5	Jim Mitchell	312-802-1231	mitchell.james@epa.gov
OPS	US EPA R5	Jacob Hassan	312-886-6864	hassan.jacob@epa.gov
OPS	US EPA R5	Kevin Turner	618-525-3665	turner.kevin@epa.gov
OPS	US EPA R5	Danita Larry	312-835-8579	larry.danita@epa.gov
OPS	US EPA R5	Melissa Milner	312-353-1129	milner.melissa@epa.gov
OPS	US EPA R5	Dave Morrison	651-757-2408	morrison.david@epa.gov
OPS	US EPA R5	Colin Hendrickson	224-661-1342	hendrickson.colin@epa.gov
OPS	US EPA R5	Corey Peaslee	312-758-0604	peaslee.corey@epa.gov
OPS	US EPA R5	Jon Gulch	734-740-9017	gulch.jon@epa.gov
OPS	US EPA R5	Sonia Vega	630-481-5025	vega.sonia@epa.gov
OPS	US EPA R5	Erik Hardin	312-886-2402	hardin.erik@epa.gov
START	Tetra Tech	Dustin Grams	330-620-4422	dustin.grams@tetrattech.com
START	Tetra Tech	Richard Vitamanti	530-798-9772	richard.vitamanti@tetrattech.com
START	Tetra Tech	Keith Westberry	469-371-0990	keith.westberry@tetrattech.com
START	Tetra Tech	Tim Lange	732-754-1005	tim.lange@tetrattech.com
START	Mannik Smith Group	Mike Delong	517-290-7066	mdelong@manniksmithgroup.com
START	Tetra Tech	Maria DeLuca	916-709-4243	maria.deluca@tetrattech.com
START	Tetra Tech	Sharlene Harvester	360-606-7881	SHAR.HARVESTER@tetrattech.com
START	Tetra Tech	Ivana Daniels	832-562-5813	ivana.daniels@tetrattech.com
START	Tetra Tech	Julia Fairbanks	315-454-7999	julia.fairbanks@tetrattech.com
START	Tetra Tech	Daniel Higley	630-746-2587	daniel.higley@tetrattech.com
START	Mannik Smith Group	Ellen Coppernoll	517-513-2249	ecoppernoll@manniksmithgroup.com
START	Mannik Smith Group	Maddy Anderla	715-587-4059	manderla@manniksmithgroup.com
START	Mannik Smith Group	Maria Razo	330-844-8161	mrazo@manniksmithgroup.com
START	Mannik Smith Group	Talia Smerage	734-277-9526	nsmerage@manniksmithgroup.com
START	Tetra Tech	Ted Brown	805-946-7413	ted.brown@tetrettech.com
START	Tetra Tech	Daniel Wolf	573-808-1952	daniel.wolf@tetrattech.com
START	Tetra Tech	Lysa Ducharme	970-412-9135	lysa.ducharme@tetrattech.com
START	Tetra Tech	Ricardo Orellana	513-739-3203	ricky.orellana@tetrattech.com
START	Tetra Tech	Barb Garrison	614-404-3384	barb.garrison@tetrattech.com
START	Tetra Tech	Gaige Saunders	231-288-2300	gaige.saunders@tetrattech.com
START	Tetra Tech	Vassili Michtchak	610-252-1066	Vassili.Michtchak@Tetrattech.com
START	Tetra Tech	Shelia Jenkins	205-739-4944	shelia.jenkins@tetrattech.com
START	Tetra Tech	George Economos	281-710-3959	george.economos2@tetrattech.com
START	Tetra Tech	Dan Bochicchio	828-230-6980	dan.bochicchio@tetrattech.com

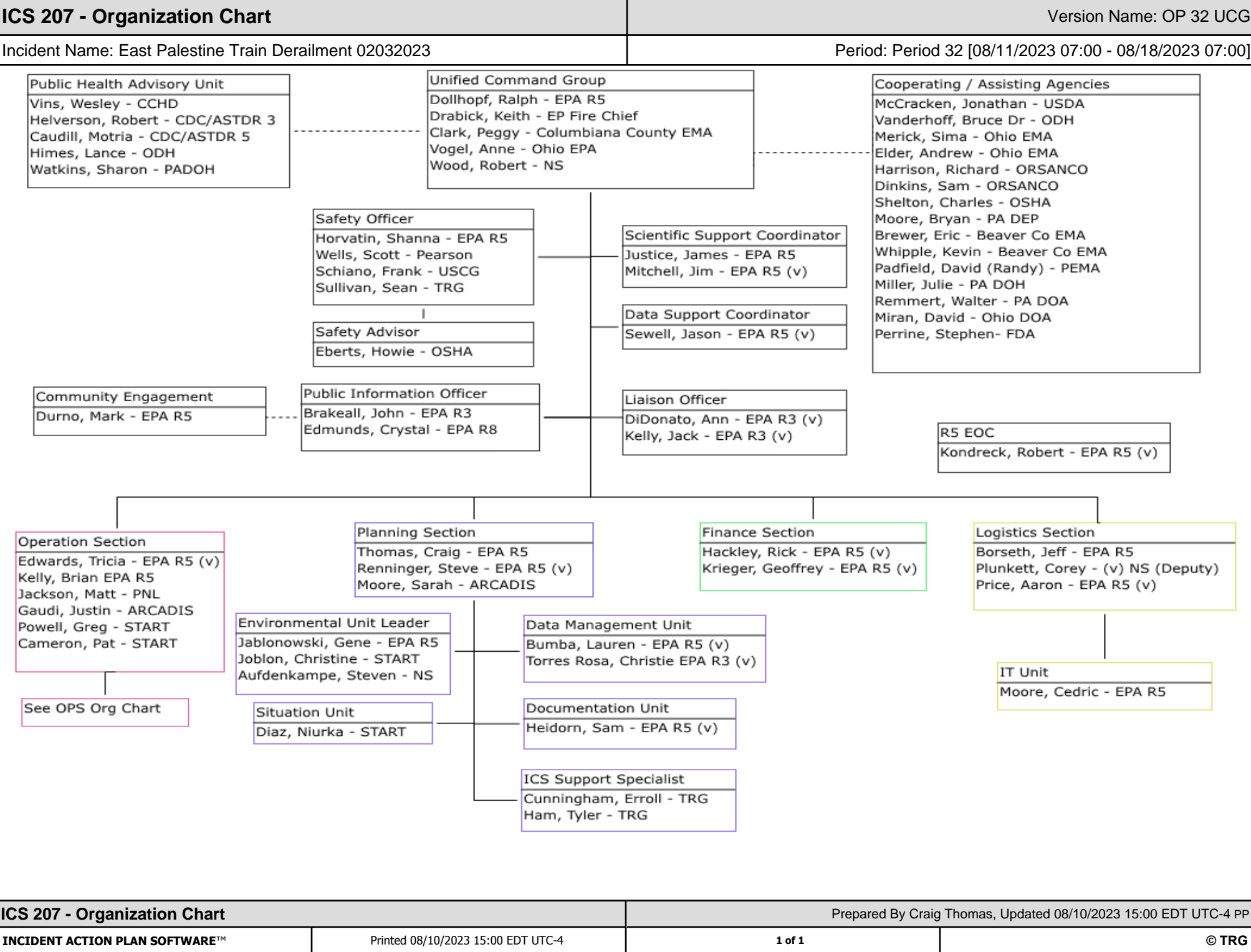
START	Tetra Tech	Johnny Harris	706-614-6437	johnny.harris@tetrattech.com
START	Tetra Tech	Karysa Saldana		karysa.saldana@tetrattech.com
START	Tetra Tech	Ray Tijerina	773-569-8504	ray.tijerina@tetrattech.com
START	Tetra Tech	Megan Combs	206-775-1088	megan.combs@tetrattech.com
START	Tetra Tech	Haley Densler	859-609-6144	haley.densler@tetrattech.com
START	Tetra Tech	Cheryl Vaccarello	847-630-4356	cheryl.vaccarello@tetrattech.com
START	Tetra Tech	Brian Chisholm	910-859-2115	brian.chisholm@tetrattech.com
START	Tetra Tech	Kim Sheffield	850-450-9554	Kimberly.Sheffield@tetrattech.com
START	Tetra Tech	Ahmed Mohammed	515-444-1620	ahmedosar@gmail.com
START	Tetra Tech	Muthanna Yaqoob	269-267-9992	MATTHEW.YAQOOB@tetrattech.com
START	Tetra Tech	Mike Marinaro	717-314-2863	mike.marinaro@tetrattech.com
START	Tetra Tech	Simon Smith	570-637-8394	SIMON.SMITH2@tetrattech.com
START	Tetra Tech	Sean Growe	304-224-0992	sean.growe@tetrattech.com
START	Tetra Tech	Jason Huertas	813-523-3576	jason.huertas@tetrattech.com
START	Tetra Tech	Brennan McDonald	513-872-9905	brennan.mcdonald@tetrattech.com
START	Tetra Tech	Alexia Scholl	513-835-3617	alexia.scholl@tetrattech.com
START	Tetra Tech	Norma Ortiz	956-566-3701	norma.ortiz@tetrattech.com
START	Tetra Tech	Jim Wescott	630-534-4843	jim.wescott@tetrattech.com
START	FEI	Max Brouman	412-551-6985	mbrouman@fielddenvironmental.com
OPS	USCG AST	Ryan Rose	540-383-8707	Ryan.r.rose@uscg.mil
OPS	USCG AST	Chris Taylor	215-718-5932	Christopher.r.taylor@uscg.mil
OPS	USCG AST	Steven Axner	609-760-8413	Steven.A.Axner@uscg.mil
OPS	USCG AST	Caleb Gittleson	609-351-9579	caleb.s.gittleson@uscg.mil
OPS	USCG AST	Chuck Seckinger	352-258-8552	arthur.c.seckinger@uscg.mil
OPS	USCG AST	John Landry	713-586-9047	john.h.landry@uscg.mil
OPS	US EPA ERT	Thomas Kady	732-906-6172	kady.thomas@epa.gov
OPS	US EPA ERT	Nanda Thalasila	732-321-6780	thalasila.nanda@epa.gov
OPS	CDC/ATSDR (LNO)	Mina Zadeh	404-769-3564	MAZ8@cdc.gov
OPS	CDC/ATSDR R5 (Lead)	Motria Caudill	312-257-4853	ldul1@cdc.gov
OPS	CDC/ATSDR R3 (Lead)	Robert Helverson	215-814-3139	gfub6@cdc.gov
OPS	CDC/ATSDR R3 (Tox)	Karl Markiewicz	215-814-3149	kvm4@cdc.gov
OPS	PA DEP	Martha Michalek	412-442-4013	mmichalek@pa.gov
OPS	PA DEP	Brian Moore	717-787-5715	briamoore@pa.gov
OPS	PA DEP	Diane McDaniel	412-442-4153	dimcdaniel@pa.gov
OPS	PA DEP	Paul Vogel	412-442-4132	pvogel@pa.gov
OPS	PA DEP	Michael Tomei	412-442-4347	mtomei@pa.gov
OPS	Ohio EPA	William Zawiski	330-963-1134	william.zawiski@epa.ohio.gov
OPS	Ohio EPA	Frank Zingales	330-963-1108	frank.zingales@epa.ohio.gov
OPS	NS	Dan Hunt	404-273-4472	daniel.hunt@nscorp.com
OPS	NS	Scott Deutsch	412-439-2880	scott.deutsch@nscorp.com
OPS	NS	Chad Edwards	540-797-9918	chad.edwards@nscorp.com
OPS	NS	Will Harden	757-581-9539	william.harden@nscorp.com
OPS	NS	Jon Rettig	540-293-2147	jon.rettig@nscorp.com
OPS	NS	Mark Dudle	404-273-2082	Mark.Dudle@nscorp.com
OPS	Enviroscience	Tim Ator	330-322-6149	Tator@enviroscienceinc.com
OPS	SPSI	Josh Lindley	724-579-8700	lindley@callspsi.com
OPS	SPSI	Mike Kline	724-678-3939	Kline@callspsi.com
OPS	SPSI	Michael Burket	412-925-3462	mburket@callspsi.com
OPS	SPSI	Alex Klepsic	724-809-3289	klepsic@callspsi.com
OPS	Hepaco	Josh Herdt	724-419-5956	jherdt@hepaco.com
OPS	Hepaco	Justin Hahn	704-492-8880	jhahn@hepaco.com
OPS	Green Rock	Chad Runnion	615-454-0461	crunnion@greenrockllc.com
OPS	Green Rock	Shawn McCune	724-944-7750	smccune@southernlogistics.net
OPS	Green Rock	Keith Lish	412-779-7862	Lish.keith@cleanharbors.com
OPS	Green Rock	Chad Everd	304-816-1806	ceverd@er-brokers.com
OPS	ESI	Tim Willaman	330-285-8577	twillaman@enviroscienceinc.com

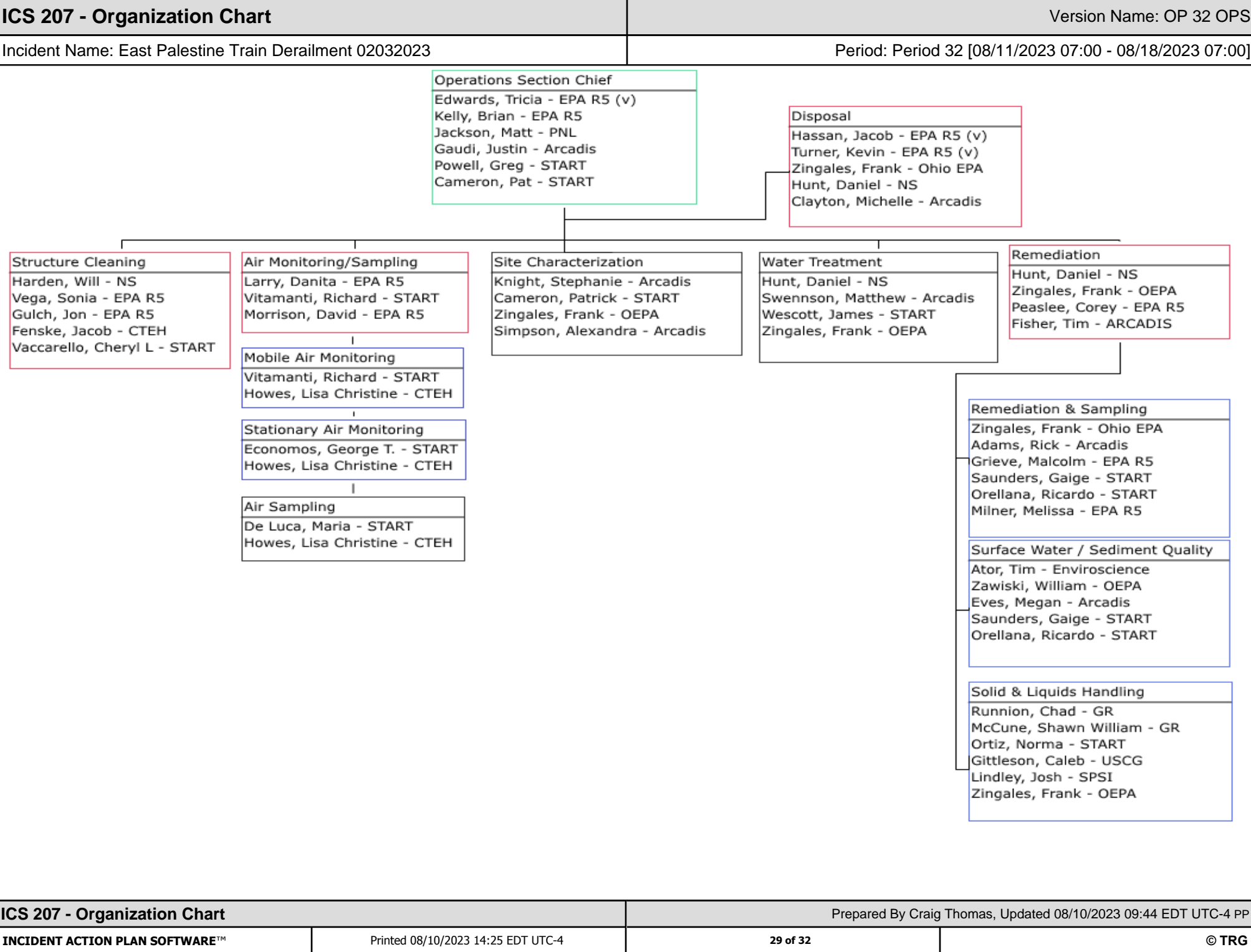
OPS	CTEH	Lisa Howes	501-271-1150	lhowes@cteh.com
OPS	CTEH	Jacob Fenske	501-584-8239	jfenske@cteh.com
OPS	CTEH	Kelly Tuttle	501-516-7524	ktuttle@cteh.com
OPS	CTEH	David Watts	501-366-0852	dwatts@cteh.com
OPS	ARCADIS	Tim Fisher	949-375-1174	timothy.fisher@arcadis.com
OPS	ARCADIS	Megan Eves	501-218-3412	megan.eves@arcadis.com
OPS	ARCADIS	Stephanie Knight	919-995-5766	stephanie.knight@arcadis.com
OPS	ARCADIS	Matthew Swensson	724-742-9180	matthew.swensson@arcadis.com
OPS	ARCADIS	Bert Buell	443-714-2576	albert.buell@arcadis.com
OPS	ARCADIS	Michelle Clayton	412-614-1624	michelle.clayton@arcadis.com
OPS	ARCADIS	Rick Adams	978-885-5477	richard.adams@arcadis.com
OPS	ARCADIS	Heather VanDewalker	315-671-9382	heather.vandewalker@arcadis.com
OPS	ARCADIS	Mike Higgins	315-382-0567	michael.higgins@arcadis.com
OPS	ARCADIS	Alex Simpson	919 415-2330	alex.simpson@arcadis.com
OPS	ARCADIS	Jason Diamond	813-267-9904	jason.diamond@arcadis.com
OPS	Stantec	Michael Hutchinson	770-846-8716	Michael.hutchinson@stantec.com
OPS	Stantec	Katie Ross	678-987-5854	katie.ross@stantec.com
<b>Logistics</b>				
Position	Organization	Name	Phone	Email
LSC Section Chief	US EPA R5	Jeff Borseth	734-740-9012	borseth.jeffrey@epa.gov
LSC Section Chief	US EPA R5	Rob Snyder	312-353-9083	snyder.robert@epa.gov
LSC Deputy	US EPA R5	Aaron Price	312-353-9612	price.aaron@epa.gov
LSC Deputy	NS	Corey Plunkett	540-293-2147	corey.plunkett@nscorp.com
IT Support	US EPA R5	Tyshun Brown	312-886-3129	brown.tyshun@epa.gov
IT Support	US EPA R5	Cedric Moore	708-205-2015	moore.cedric@epa.gov
GSU	EQM	Bill Poma	513-659-5875	bpoma@eqm.com
<b>Planning</b>				
Position	Organization	Name	Phone	Email
PSC	US EPA R5	Steve Renninger	513-260-7849	renninger.steven@epa.gov
DPSC	US EPA R5	Craig Thomas	312-802-9637	thomas.craig@epa.gov
DPSC	ARCADIS	Sarah Moore	817-705-1989	Sarah.Moore@arcadis.com
SITL	START	Niurka Diaz	650-709-8560	niurka.diaz@tetrattech.com
DOCL	US EPA R5	Sam Heidorn	312-353-3611	heidorn.samuel@epa.gov
DSC	US EPA R5	Jason Sewell	317-517-6987	sewell.jason@epa.gov
Data Unit Leader	US EPA R3	Christie Torres Rosa	470-865-2567	torres-rosa.christie@epa.gov
Data Unit	US EPA R5	Lauren Bumba	773-575-3996	bumba.lauren@epa.gov
Data Unit	US EPA R8	Shawn McCaffrey	303-312-6515	mccaffery.shawn@epa.gov
Data Unit	US EPA HQ	Christina Bozio	312-886-1502	bozio.christina@epa.gov
Data Unit	US EPA R5	Chrystal Brantley	312-353-5776	brantley.chrystal@epa.gov
Data Unit	US EPA R5	Austin Handler	630-481-5044	handler.austin@epa.gov
Data Unit	US EPA R5	John Canar	312-886-6182	canar.john@epa.gov
Data Unit	US EPA R9	Shannon Wernitz	415-972-3703	wernitz.shannon@epa.gov
Data Unit	US EPA R5	Brian Cooper	312-353-8651	cooper.brian@epa.gov
ENVL	US EPA R5	Gene Jablonowski	312-886-4591	jablonowski.eugene@epa.gov
ENVL	START	Christine Joblon	215-796-1972	christine.joblon@tetrattech.com
ENVL Deputy	NS	Steve Aufdenkampe	404-989-3899	Steven.Aufdenkampe@nscorp.com
EU	US EPA R5	Judy Canova	312-353-7997	canova.judy@epa.gov
EU	US EPA R5	Gene Jablonowski	312-886-4591	jablonowski.eugene@epa.gov
EU	US EPA R5	Keith Fusinski	312-802-1409	fusinski.keith@epa.gov
EU	US EPA ERT	Richard Henry	732-427-3359	henry.richard@epa.gov
EU	US EPA RTP	Michael Devito	919-541-4016	devito.michael@epa.gov
EU	Tetra Tech	Dave Bloom	619-321-6704	david.bloom@tetrattech.com
EU	Tetra Tech	Nathan Fullmer	530-566-5810	nathan.fullmer@tetrattech.com
EU	Tetra Tech	Stephen Duirk	216-903-0510	Stephen.Duirk@tetrattech.com
EU	Tetra Tech	Jerri Riddle	706-267-4793	jerri.riddle@tetrattech.com
EU	Tetra Tech	Christine Joblon	215-796-1972	christine.joblon@tetrattech.com

START	Tetra Tech	Spencer Willem	317-750-6436	spencer.willem@tetrattech.com
IAP Development	TRG	Joe Buckley	832-906-1503	jbuckley@responsegroupinc.com
IAP Development	TRG	Erroll Cunningham	832-557-9076	ecunningham@responsegroupinc.com
IAP Development	TRG	Tyler Ham	713-277-5064	tham@responsegroupinc.com
EOC Manager	US EPA R5	Robert Kondreck	312-758-6517	kondreck.robert@epa.gov
EOC	US EPA R5	Matthew Blaser	312-886-5496	blaser.matthew@epa.gov
EOC	US EPA R5	Carol Ropski	312-353-7647	Ropski.Carol@epa.gov
EOC	US EPA R5	Michelle Jaster	734-740-9014	jaster.michelle@epa.gov
EOC	US EPA R5	Janien Turner	312-886-9076	turner.janien@epa.gov
EOC	US EPA R5	Barbi Lee	708-288-7455	lee.barbi@epa.gov
EOC	US EPA R5	Mary Gelder	312-886-4359	gelder.mary@epa.gov
EOC	US EPA R5	Kristina Miller	312-237-5685	miller.kristina@epa.gov
<b>Finance and Administration</b>				
<b>Position</b>	<b>Organization</b>	<b>Name</b>	<b>Phone</b>	<b>Email</b>
FSC	US EPA R5	Rick Hackley	312-886-9144	hackley.richard@epa.gov
FSC	US EPA R5	Geoffrey Krieger	312-886-7240	krieger.geoffrey@epa.gov
<b>Prepared by:</b> Craig Thomas, PSC				

<b>ICS 206 - Medical Plan</b>				Version Name: OP 32				
Incident Name: East Palestine Train Derailment 02032023				Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]				
<b>Medical Aid Stations</b>								
<i>Name</i>	<i>Location</i>	<i>Paramedic On Site</i>	<i>Phone</i>	<i>Radio</i>				
AED & First Aid Kit (FOB)	1101 W. Main Street, East Palestine, Ohio 40.836029, -80.522116	<input type="checkbox"/>						
AED & First Aid Kit (FCP)	40 S. Market Street, East Palestine, Ohio 40.8324519, -80.5395912	<input type="checkbox"/>						
AED & First Aid Kit (UCP)	42083 SR 344 Columbiana, Oh 40.886987, -80.7060647	<input type="checkbox"/>						
AED & First Aid Kits (soil piles)	40.8359, -80.520831	<input type="checkbox"/>						
AED & First Aid Kits (tank farm)	40.834211, -80.520016	<input type="checkbox"/>						
AED & First Aid Kits (Hepaco)	40.836208, -80.527655	<input type="checkbox"/>						
<b>Transportation (Ground and/or Air Ambulance Services)</b>								
<i>Ambulance Service</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air</i>	<i>ALS</i>			
Local 911 Services				<input type="checkbox"/>	<input type="checkbox"/>			
<b>Hospitals</b>								
<i>Hospital</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air Travel Time</i>	<i>Ground Travel Time</i>	<i>Trauma Center</i>	<i>Helipad</i>	<i>Burn Center</i>
MH St Elizabeth Boardman Hospital	8401 Market Street Boardman, OH 44512 40.995335, -80.662743	330-729-2929		9 min	25 min	II	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Salem Regional Medical Center	1995 East State Street Salem, OH 44460 40.900944, -80.832359	330-332-1551		10 min	30 min	II	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UPMC Mercy	1400 Locust Street Pittsburgh, PA 15219 40.436141, -79.985596	412-232-8111		20 min	1 hr	I	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Special Medical Emergency Procedures</b>								
<p align="center"><b>EMERGENCY MEDICAL PROCEDURES</b></p> <p align="center">In the event of a medical emergency provide the following information to the Safety Officer:</p> <ol style="list-style-type: none"> <li>1. Declare the nature of the emergency. <ul style="list-style-type: none"> <li>◦ Medical injury/illness?</li> <li>◦ If injury/illness, is it life threatening?</li> </ul> </li> <li>2. If life threatening, then request that the designated frequency be cleared for emergency traffic.</li> <li>3. Identify the on-scene Point of Contact (POC) by resource and last name.</li> <li>4. Identify nature of incident, number injured, patient assessment(s) and location (geographic and GPS coordinates).</li> <li>5. Identify on-scene medical personnel by position and name.</li> <li>6. Identify preferred method of patient transport.</li> <li>7. Request any additional resources and/or equipment needed.</li> <li>8. Document all information received and transmitted on the radio or phone.</li> <li>9. Identify any changes in the on-scene POC or medical personnel as they occur.</li> </ol>								
<b>ICS 206 - Medical Plan</b>				Prepared By Craig Thomas, Updated 08/09/2023 15:56 EDT UTC-4 PP				
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ICS 223 - Health and Safety Message		Version Name: OP 32	
Incident Name: East Palestine Train Derailment 02032023		Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]	
Major Hazards and Risks			
Narrative			
<ul style="list-style-type: none"> <li>- Maintain awareness for wildlife as there have been confirmed sightings of black bears near the site.</li> <li>- Observe posted traffic speeds/directions, use proper entrances and truck wash exits, respect flaggers and checkpoints.</li> <li>- Do not drive and walk into areas where roads have been removed or under restoration.</li> <li>- Avoid the Pleasant Drive and east haul road crossing if possible and take caution as there is heavy truck traffic.</li> <li>- Stay off the tracks, both are active.</li> <li>- Restrict personnel in CSA 3 &amp; 4 to those who only need to be there to conduct work.</li> <li>- Current areas of operation where increased health &amp; safety awareness are critical and may be subject to new/revised JHAs:             <ol style="list-style-type: none"> <li>1) Solid waste management areas – live loading of soil in CSA 4;</li> <li>2) Excavation and sampling areas - heavy machinery, ingress/egress, sloping/benching;</li> <li>3) Water treatment plant - truck loading and off-loading areas subject to change w/ WTP operations starting up;</li> <li>4) Leslie/Sulphur Run - ecological study underway using electrofishing in addition to bridge and sediment washing;</li> <li>5) Tank farm loading operations and tank cleaning.</li> </ol> </li> <li>- HASP and JHAs detail tasks being performed with associated risk analysis.</li> <li>- Report any exposure related symptoms or odors in/near contaminants immediately w/ SO or supervisor.</li> <li>- Use proper PPE for assigned work and use the buddy system.</li> <li>- Conduct air monitoring in work areas. If action levels are reached, leave the area immediately, notify SO and Team lead to determine PPE upgrade if necessary.</li> <li>- Verify safety and communication measures are in place prior to work.</li> <li>- All emergencies dial 911.</li> <li>- Sitewide weekly meeting on Tuesdays @ 1400.</li> </ul>			
ICS 223 - Health and Safety Message		Prepared By Craig Thomas, Updated 08/09/2023 15:56 EDT UTC-4 PP	
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<b>1. Incident Name:</b>		<b>2. Operational Period: (Date / Time)</b>		<b>DAILY MEETING/ CONFERENCE CALL SCHEDULE ICS 230 - EPA</b>
East Palestine Derailment 02032023		From: 08/11/2023 0700 To: 08/18/2023 0700		
<b>3. Meeting Schedule</b>				
Date/ Time	Meeting Name	Purpose	Attendees	Location
Daily 0645 EST	Operations Briefing	Present Operations Plan (IAP) to supervisors of tactical resources	OPS/SO/START	EPA Forward Operating Base 1101 W. Main Street, East Palestine
M, W, F 0800 EST	Unified Command Group (UCG) Meeting	General Discussion	UCG, PSC	<a href="#">Click here to join the meeting</a> ID: 265 023 569 705 Passcode: w88prV <a href="#">+1 312-667-5632,,450524956#</a>
M, W, F 0930 EST	Command & General Staff (C&GS) Meeting	Coordinate command staff functions, responsibilities, and objectives	UC/C&GS/EOC/AA/CA	<a href="#">Click here to join the meeting</a> ID: 269 697 605 465 Passcode: XPoxydy <a href="#">+1 312-667-5632,,732543981#</a>
Wed 1015 EST	Tactics Meeting	Operations develops primary & alternative strategies to accomplish objectives for next OP	OPS/PSC/SO	<a href="#">Click here to join the meeting</a> ID: 240 954 157 940 Passcode: jheWiH <a href="#">+1 312-667-5632,,90992824#</a>
Th 1400 EST	Planning Meeting	Present proposed objectives, strategies, tactics & resources need for next OP; discuss & resolve issues/concerns; commit to support plan	UC/PSC/SO/PIO/ LNO/OPS/ LSC/FSC/SITL/ EOC/AA/CA	<a href="#">Click here to join the meeting</a> ID: 274 832 656 730 Passcode: Nt5bx9 <a href="#">+1 312-667-5632,,576261135#</a>
<b>4. Special and Other Meetings:</b>				
Th 1200 EST	External Partners Environment & Data	Coordination on environmental data collection and sharing	ENVL/DATA/GIS/ AA/CA/OPS	<a href="#">Click here to join the meeting</a> ID: 258 230 131 198 Passcode: 4t8SRD Video Conf ID: 117 684 987 4
Wed (bi-weekly) 1230 EST	Public Health Advisory Group	Coordination with public health agencies	PSC/PHAU/SSC/ AA/CA	<a href="#">Click here to join the meeting</a> ID: 249 720 222 964 Passcode: 8D6RAy <a href="#">+1 312-667-5632,,247942809#</a>
<b>5. Prepared by: (PSC)</b>			<b>(Date / Time)</b>	
Name: C. Thomas, US EPA R5		Signature: CT		08/10/2023 0800
<b>DAILY MEETING SCHEDULE</b>				<b>ICS 230 - EPA</b> (Rev 02/10)

Weather Report			Version Name: OP 32		
Incident Name: East Palestine Train Derailment 02032023			Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]		
Present Conditions					
Weather Conditions as of 08/10/2023 14:06					
beaver falls arp station id: KBVI					
<b>Temperature:</b> 79° Fahrenheit			<b>Feels Like:</b> 79° Fahrenheit		
<b>Wind Speed:</b> 7 mph			<b>Dew Point:</b> 62° Fahrenheit		
<b>Wind Direction (from):</b> NW			<b>Pressure:</b> 29.67 in		
<b>Visibility:</b> 10 mile(s)			<b>UV Index:</b>		
<b>Humidity (%)</b> : 57 %			<b>Sunrise:</b> 06:26		
<b>Short Description:</b> Mostly Cloudy			<b>Sunset:</b> 20:27		
<b>Full Description:</b> Mostly Cloudy					
<b>Current Speed:</b>			<b>Wave Height:</b>		
<b>Current Direction (to):</b>			<b>Wave Direction:</b>		
<b>Water Temperature:</b> ° Fahrenheit			<b>Swell Interval:</b>		
Forecast Date	Day		Night		
<b>Thu</b> 08/10/2023	 80 °F	<b>Partly Cloudy</b>  <b>Chance of Precipitation(%):</b> 0% <b>Wind:</b> SSE at 4 mph	 60 °F	<b>Partly Cloudy with Isolated Storms</b>  <b>Chance of Precipitation(%):</b> 18% <b>Wind:</b> WNW at 10 mph	
<b>Fri</b> 08/11/2023	 82 °F	<b>Partly Cloudy</b>  <b>Chance of Precipitation(%):</b> 0% <b>Wind:</b> W at 6 mph	 65 °F	<b>Partly Cloudy with Scattered Showers and Chance of Storms</b>  <b>Chance of Precipitation(%):</b> 29% <b>Wind:</b> SW at 6 mph	
<b>Sat</b> 08/12/2023	 86 °F	<b>Partly Cloudy with Chance of Storms</b>  <b>Chance of Precipitation(%):</b> 54% <b>Wind:</b> S at 11 mph	 64 °F	<b>Partly Cloudy with Chance of Storms</b>  <b>Chance of Precipitation(%):</b> 54% <b>Wind:</b> WSW at 10 mph	
<b>Sun</b> 08/13/2023	 82 °F	<b>Mostly Sunny</b>  <b>Chance of Precipitation(%):</b> 0% <b>Wind:</b> WSW at 8 mph	 62 °F	<b>Partly Cloudy with Isolated Showers</b>  <b>Chance of Precipitation(%):</b> 13% <b>Wind:</b> WNW at 11 mph	
<b>Mon</b> 08/14/2023		<b>Mostly Cloudy with Showers and Chance of Storms</b>  <b>Chance of Precipitation(%):</b> 16%		<b>Partly Cloudy with Light Showers and Chance of Storms</b>  <b>Chance of Precipitation(%):</b> 69%	
Weather Report			Prepared By Tyler Ham, Updated 08/10/2023 14:07 EDT UTC-4 PP		
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Weather Report			Version Name: OP 32	
Incident Name: East Palestine Train Derailment 02032023			Period: Period 32 [08/11/2023 07:00 - 08/18/2023 07:00]	
	78 °F	Wind: SE at 10 mph	61 °F	Wind: SSW at 16 mph
<b>Tue</b> 08/15/2023	 76 °F	<b>Partly Cloudy with Scattered Showers</b>  <b>Chance of Precipitation(%): 69%</b> <b>Wind: WSW at 13 mph</b>	 57 °F	<b>Mostly Clear</b>  <b>Chance of Precipitation(%): 0%</b> <b>Wind: W at 13 mph</b>
<b>Wed</b> 08/16/2023	 80 °F	<b>Mostly Sunny</b>  <b>Chance of Precipitation(%): 0%</b> <b>Wind: W at 7 mph</b>	 62 °F	<b>Mostly Clear</b>  <b>Chance of Precipitation(%): 0%</b> <b>Wind: SW at 9 mph</b>