



NATIONAL TRANSPORTATION SAFETY BOARD
Investigative Hearing

Norfolk Southern Railway general merchandise freight train 32N
derailment with subsequent hazardous material release and fires,
in East Palestine, Ohio, on February 3, 2023

GROUP	D
EXHIBIT	
2	

Agency / Organization

Norfolk Southern Railway

Title

**Incident Status Report
February 4, 2023**



INCIDENT STATUS REPORT

Location of Incident: East Palestine OH

Incident Date: 2/3/2023

Status Report Date: 2/4/2023

Operational Period: 7:00pm - 7:00am-

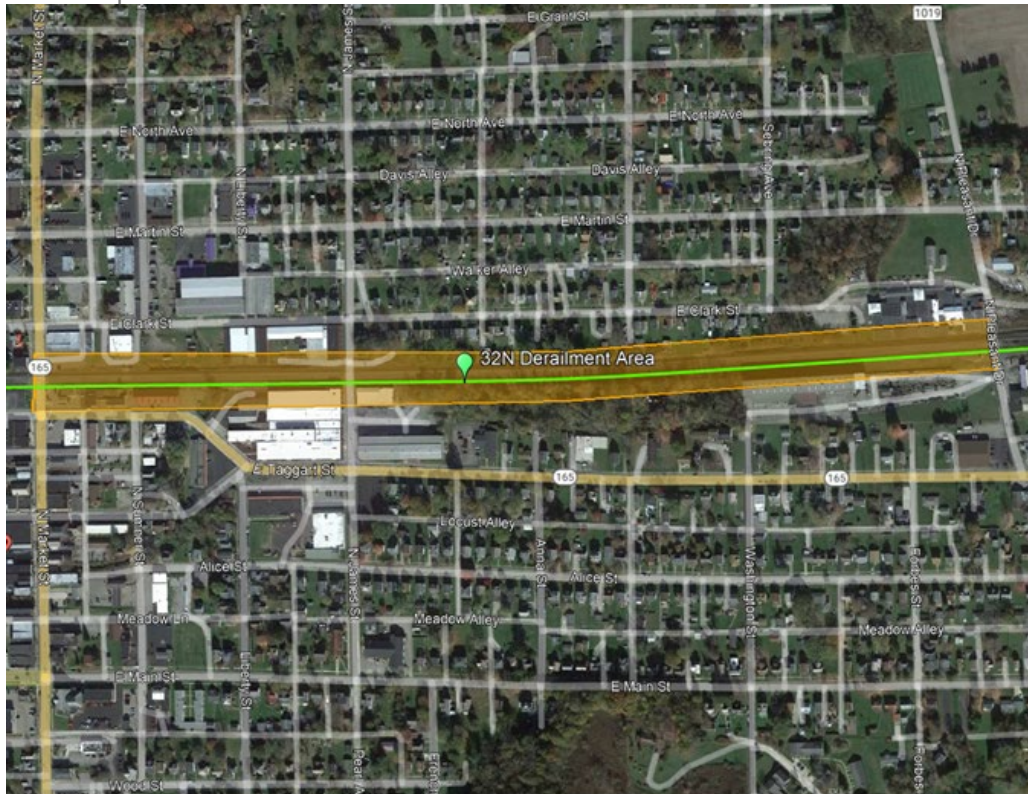
Spill/Derailment Number: [Click here to enter text](#)

Brief Description of Incident:

32N Derailment

Insert Map Below (not pictures):

Insert map here.



NS Personnel (On-Site, En Route & Managing Remotely):

Name	Role	On-Site	En Route	Cell Number
S. Deutsch	Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
S. Gould	"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
R. Wood	"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
J. Simpson	"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P Williams	"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
R Scoble	Safety Officer/Support			
M Dudle	IH Liaison			



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S&E Contractors/Consultants On-Site:

Company	Contact Person	Role	Cell Number
SPSI	Drew McCarty	Tank Car ops Team Leader	
Hepaco	John Francisco	Product Containment Team Leader	
Enviroserve	Chip Hershberger	Containment support	
CTEH		Comm Air Monitoring	

Locomotives Involved:

Locomotive #	Planned Handling	Status

Railcars Involved:

25	GPLX 75465	LOADED	HOPPER	POLYETHYLENE					
26	ECUX 860375	LOADED	HOPPER	POLYETHYLENE					
27	UTLX 684543	EMPTY	TANK CAR		DOT 1171100W				
28	TILX 402025	LOADED	TANK CAR	VINYL CHLORIDE, STABILIZED	DOT 1051300W	UN1086	2.1 (FLAMMABLE GAS)		
29	OCPX 80235	LOADED	TANK CAR	VINYL CHLORIDE, STABILIZED	DOT 1051300W	UN1086	2.1 (FLAMMABLE GAS)		
30	OCPX 80179	LOADED	TANK CAR	VINYL CHLORIDE, STABILIZED	DOT 1051300W	UN1086	2.1 (FLAMMABLE GAS)		
31	GATX 95098	LOADED	TANK CAR	VINYL CHLORIDE, STABILIZED	DOT 1051300W	UN1086	2.1 (FLAMMABLE GAS)		
32	RACX 51629	LOADED	TANK CAR	DIPROPYLENE	DOT 111A100W1				
33	LYBX 5191	LOADED	TANK CAR	PROPYLENE	DOT 1171100W				
34	RACX 51435	LOADED	TANK CAR	PROPYLENE	DOT 111A100W1				
35	UTLX 671772	LOADED	TANK CAR	DIETHYLENE	DOT 111A100W1				
36	SHPX 211226	LOADED	TANK CAR	COMBUSTIBLE LIQ., NOS (ETHYLENE GLYCOL MONOBUTYL ETHER)	DOT 111S100W1	NA1993	COMBUSTIBLE LIQUID		
37	TILX 331319	LOADED	HOPPER	SEMOLINA					
38	DOWX 73168	LOADED	TANK CAR	COMBUSTIBLE LIQ., NOS (ETHYLHEXYL ACRYLATE)	DOT 111S100W1	NA1993	COMBUSTIBLE LIQUID		
39	ROIX 57036	LOADED	HOPPER	POLYVINYL					
40	NCUX 40057	LOADED	HOPPER	POLYVINYL					
41	UTLX 100055	LOADED	TANK CAR	PETROLEUM LUBE OIL	DOT 111A100W1				
42	XOMX 110664	LOADED	TANK CAR	PETROLEUM LUBE OIL	211A100W1				
43	UTLX 684798	LOADED	TANK CAR	PETROLEUM LUBE OIL	DOT 1171100W				
44	UTLX 671310	LOADED	TANK CAR	PETROLEUM LUBE OIL	DOT 111A100W1				
45	CERX 30072	LOADED	TANK CAR	POLYPROPYL GLYC	DOT 111A100W1				
46	SHPX 211106	LOADED	TANK CAR	PROPYLENE	DOT 111S100W1				
47	NATX 231335	LOADED	TANK CAR	DIETHYLENE	DOT 111A100W1				
48	UTLX 671913	LOADED	TANK CAR	DIETHYLENE	DOT 111A100W1				
49	NATX 35844	LOADED	TANK CAR	ISOBUTYLENE	DOT 1051300W	UN1055	2.1 (FLAMMABLE GAS)		
50	UTLX 205907	LOADED	TANK CAR	BUTYL ACRYLATES, STABILIZED	DOT 111A100W1	UN 2348	3 (FLAMMABLE LIQUID)		
51	UTLX 661296	LOADED	TANK CAR	PETRO OIL, NEC	DOT 111A100W1				
52	COCX 287059	LOADED	TANK CAR	ADDITIVES, FUEL	DOT 111A100W1				
53	ROIX 59396	LOADED	HOPPER	POLYVINYL					
54	ROIX 57782	LOADED	HOPPER	POLYVINYL					
55	OCPX 80370	LOADED	TANK CAR	VINYL CHLORIDE, STABILIZED	DOT 1051300W	UN 1086	2.1 (FLAMMABLE GAS)		
56	TBOX 640019	LOADED	BOX CAR	BALLS,CTN,MEDCL					
57	BKTY 152621	LOADED	BOX CAR	SHEET STEEL					
58	LINX 7278	LOADED	BOX CAR	VEGETABLE, FROZEN					
59	DPRX 259013	EMPTY	TANK CAR	BENZENE	DOT 111A100W1	UN 1114	3 (FLAMMABLE LIQUID)		
60	DPRX 258671	EMPTY	TANK CAR	BENZENE	DOT 111A100W1	UN 1114	3 (FLAMMABLE LIQUID)		
61	XOMX 110236	LOADED	TANK CAR	PARAFFIN WAX	DOT 211A100W1				
62	ELTX 7458	LOADED	HOPPER	FLAKES, POWDER					
63	ELTX 3421	LOADED	HOPPER	FLAKES, POWDER					
64	NDYX 892049	LOADED	HOPPER	HYDRAULIC CEMENT					
65	TTGX 953815	LOADED	AUTORACK	AUTOS PASSENGER					
66	TBOX 889334	LOADED	BOX CAR	MALT LIQUORS					
67	NOKL 603412	LOADED	BOX CAR	MALT LIQUORS					



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Substances Spilled:

Substance	Approx. Amount Spilled	Recovery Plan	Approx. Amount Recovered
Vinyl Chloride	Unknown	Currently in situ	
Propylene Glycol	“	Contractors running boom operations at tributary	
Lube oil	“	“	
Ethylene Glycol monobutyl ether	“	“	
Ethyl Hexyl Acrylate	“	“	
Butyl Acrylate	“	“	

Media Impacted:

Response Summary (describe actions taken to address or monitor)

- | | |
|--|---------------------------------------|
| <input checked="" type="checkbox"/> Soil | Currently no actions |
| <input checked="" type="checkbox"/> Surface Water | Boom containment, pump aeration |
| <input type="checkbox"/> Ground Water | unknown |
| <input checked="" type="checkbox"/> Air | air monitoring by Tetra Tech and CTEH |

Regulatory Agencies & Contact info associated with the site:

- | | |
|--|---|
| <input checked="" type="checkbox"/> EPA | Contact Person / Phone Number / Email Address |
| <input checked="" type="checkbox"/> State | Agency / Phone Number / Email Address |
| <input checked="" type="checkbox"/> Other | Agency / Phone Number / Email Address |

Overall Site Strategy & Objectives (update as strategies & objectives change)

- Sequencing of remediating track bed vs. rebuilding track
- Objectives re: timeline for reopening line and resuming traffic
- Overall roles & responsibilities of various contractors on-site (i.e.: wrecking vs. dig & haul vs. tank car transfers vs. air monitoring, etc.)

- Damage Assessment was begun at 1500 with members of SPSI and NS hazmat. Updated car data and condition gathered until conditions worsened prompting evacuation of hot zone.
- Remote video feed being established to keep eyes on VCM cars
- Police gathering data on evacuated and area still needing to be cleared
- Occidental “requested” BLEVE model by 0800 on conference call sourced by NS

Site Activities Conducted in this Most Recent Past Operational Period (since the last report):

See above



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- Continuous monitoring of site and spill containment by Hepaco and Enviroserve
- Booms repositioned in Sulfur Run, Aeration pumps pump in service
- BLEVE model completed
- Remote video feed established to monitor vinyl chloride fire

Site Activities Planned for the Next Operating Period:

Continuation of previous period including community air monitoring, boom maintenance and aeration of Sulfur Run
Meeting on site with SME from Occidental to review potential tactics
Extinguish plastic pellet fires
Begin wrecking operations when fire conditions permit

Additional; Pending Activities Not Addressed Above:

Complete firefighting operations
Mitigate vinyl chloride issues allowing evacuation to be lifted
Complete site wrecking operations
Complete reconstruction of rail lines
Resume train service on both main lines
Remediate impacted soils
Complete product recovery and aeration of Sulfur Run
Restore site. Impacted by derailment

Waste Generated: (Provide waste profiles for site)

Site EPA ID Number: AB 12345678

Waste 1: waste descriptions and amount generated to date
Disposal Facility 1: Facility Name, Location, EPA ID Number

Waste 2: waste descriptions and amount generated to date
Disposal Facility 2: Facility Name, Location, EPA ID Number

Waste 3: waste descriptions and amount generated to date
Disposal Facility 3: Facility Name, Location, EPA ID Number

Waste 4: waste descriptions and amount generated to date
Disposal Facility 4: Facility Name, Location, EPA ID Number

Waste 5: waste descriptions and amount generated to date
Disposal Facility 5: Facility Name, Location, EPA ID Number



INCIDENT STATUS REPORT

Insert Pictures Below that Provide Overview of Incident Site:

Insert Pictures Below from Current Operational Period:





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