



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	
66	

Agency / Organization

Norfolk Southern Railway

Title

Incident Status Report, February 5, 2023



INCIDENT STATUS REPORT

Location of Incident: East Palestine OH

Incident Date: 2/3/2023

Status Report Date: 2/5/2023

Operational Period: 5

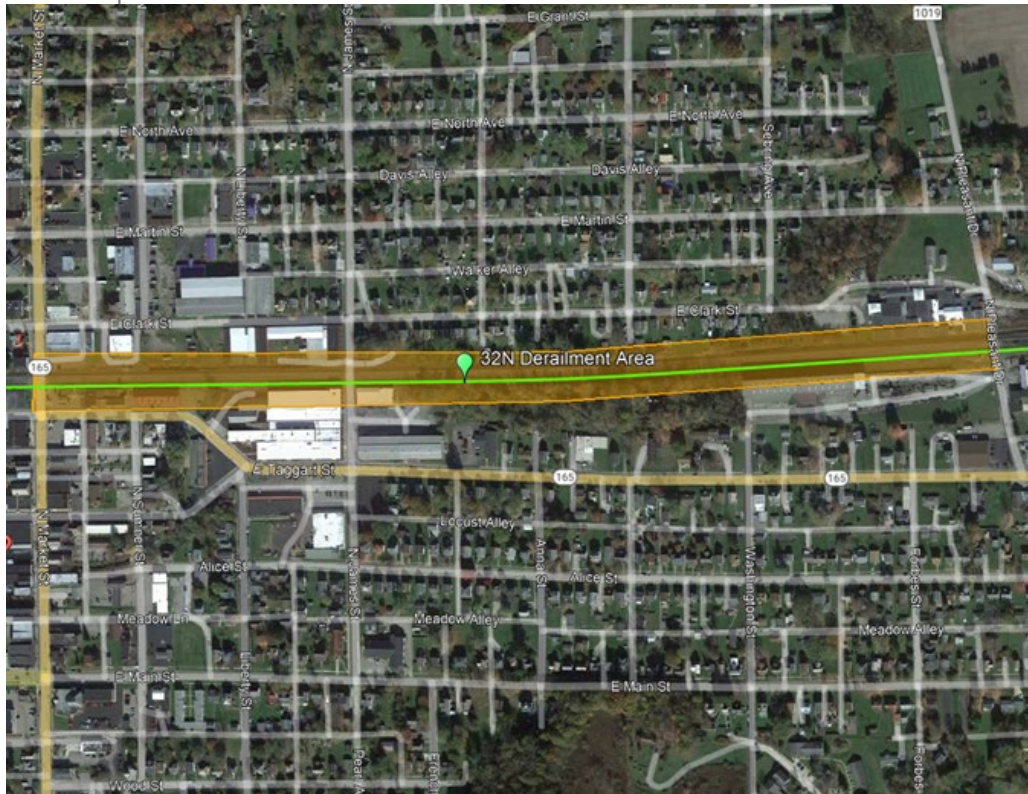
Spill/Derailment Number: [Click here to enter text](#)

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. Deutch	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	
Arcadis	Scott Deutsch	remediation	
Enviroscience	Matt Gernand	Biological reporting/assessment	

Locomotives Involved:

Locomotive #	Planned Handling	Status

Railcars Involved:



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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				

Substances Spilled:

Substance	Approx. Amount Spilled	Recovery Plan	Approx. Amount Recovered
Vinyl Chloride	Unknown	Vent and burn operation scheduled for 2-6-23	
Propylene Glycol	“	Contractors running boom/damn/pump(aeration)operations at tributary	
Lube oil	“	“	
Ethylene Glycol monobutyl ether	“	“	
Ethyl Hexyl Acrylate	“	“	
Butyl Acrylate	“	“	

Media Impacted:

- Soil
- Surface Water
- Ground Water
- Air

Response Summary (describe actions taken to address or monitor)

Currently no actions
 Boom containment, pump aeration
 unknown
 air monitoring by Tetra Tech and CTEH



INCIDENT STATUS REPORT

Regulatory Agencies & Contact info associated with the site:

- EPA** Contact Person / Phone Number / Email Address
- State** Agency / Phone Number / Email Address
- 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.)

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

- 4th operational period (2-5-23 7a-7p) focused efforts on safe wrecking operations on the west end of the site away from tank cars. Box cars were removed up to a safe working area
- Damage assessment continued on VCM cars
- Ground water remediation continued with Arcadis overseeing damming and vac operations and Enviroscience overseeing biological/environmental impacts
- Evacuation logistics reviewed and revised as needed
- SMEs from Occidental on site to review chemical behavior in cars

Site Activities Planned for the Next Operating Period:

- Meeting with local officials to explain potentials with VCM cars and changing conditions warranting vent and burn operational tactic
- NS contractors and hazmat began extensive tank car temp reading every hr noted on attached spreadsheet
- Wrecking continued on west end and begun on non haz cars on west end to afford space for vent and burn operation
- Site prep work begun overnight for vent and burn with arrival expected of demo experts for planned event on 2-6-23

Additional; Pending Activities Not Addressed Above:



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Working with local officials to stay in communication on evacuation considerations for public and continued air monitoring for public safety and worker safety

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

Insert Pictures Below that Provide Overview of Incident Site:

 MVS
INCIDENT STATUS REPORT



INCIDENT STATUS REPORT



Insert Pictures Below from Current Operational Period: