DAILY PERSONNEL RECORD

Specialized Professional Services, Inc. 300 Commercial Drive Washington, PA 15301

Washington, PA 15301
P: <u> </u>
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Service Date: 2/3/2023 Customer: Norfolk Southern Corporation Project Location: East Palestine, OH SPSI Project Number/ICO Job Number: 1381-HME Pad Name/Container #/Tank/Rail Car #: Derailment Response

**** ALL TIMES ARE PRESENTED AS EASTERN STANDARD TIME ****

PERSONNEL: Last Name, First Name	POSITION	START TIME	END TIME	TOTAL HOURS
McCarty, Drew	Sr. Project Manager	2200	2400	2:00
Tokarski, Ryan	Project Manager	2200	2400	2:00
Tokarski, Cody	Sr. Field Supervisor	2200	2400	2:00
Burket, Michael	Health & Safety Officer	2200	2400	2:00
Fritz, Connor	Supervisor	2200	2400	2:00
Rummel, Perry	Driver/Operator	2200	2400	2:00
Orton, Billy	Driver/Operator	2200	2400	2:00
Washlack, John	Hazmat Technician	2200	2400	2:00
Miller, Travis	Driver/Operator	2200	2400	2:00
Redd, Nathan	Hazmat Technician	2200	2400	2:00
Scott, Jordan	Hazmat Technician	2200	2400	2:00
Bell, Bryan	Logistics	2200	2400	2:00
Mechtel, Ryan	Logistics	2200	2400	2:00
Le-Mon, Easton	Dispatch	2200	2400	2:00
Scabilloni, Taylor	Dispatch	2200	2400	2:00
Watters, Alexis	Dispatch	2200	2400	2:00
				0:00
				0:00
				0:00
				0:00
				0:00
				0:00
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Service Date:	2/3/2023
Customer :	Norfolk Southern Corporation
Project Location:	East Palestine, OH
SPSI Project Number/ICO Job Number:	1381-HME
Pad Name/Container #/Tank/Rail Car #:	Derailment Response

EQUIPMENT	UNIT	START TIME	END TIME	TOTAL UNITS	Comment(s)
Field Service, Truck, Crew Cab	Truck 116-D McCarty	2200	2400	2	DM with with ERT-13
Field Service Truck, Crew Cab	Truck 241-R Tokarski	2200	2400	2	RT - direct to scene
Field Service Truck, Crew Cab	Truck 248-C Tokarski	2200	2400	2	Transportation for Supervisor
Field Service Truck, Crew Cab	Truck 229-C Fritz	2200	2400	2	CF with Otter Pump
Field Service Truck, Crew Cab	Truck 233-M K	2200	2400	2	MK with Hose Wagon
Field Service Truck, Crew Cab	Truck 242-J Washlack	2200	2400	2	JW with Dump Trailer w/ Fire hose
Dump Truck, 1-Ton	Truck 244-N Redd	2200	2400	2	NR with ERT-38 and 3 Pallets of Foam
Field Service Truck, Crew Cab	Truck 120-M Burket	2200	2400	2	MB with Air 1
Pickup truck	United Rentals Truck- J Scott	2200	2400	2	JS with Rental Generator
Fire Truck, 65' Telesquirt, 1500 gpm Pump	T20-P Rummel	2200	2400	2	Fire Suppression Equipment
Fire Truck, Pumper, 2000 gpm Pump	E20-B Orton	2200	2400	2	Fire Suppression Equipment
Otter Pump on Trailer	OT-02	2200	2400	2	Water Supply Equipment Mobilization
Hose Wagon Trailer for LDH Fire Hose	Hose Wagon 1 (5")	2200	2400	2	Water Supply Equipment Mobilization
Hose Wagon Trailer for LDH Fire Hose	Hose Wagon 3 (7.25")	2200	2400	2	Water Supply Equipment Mobilization
Dump Trailer with LDH Fire Hose	Dump Trailer (5")	2200	2400	2	Water Supply Equipment Mobilization
Utility Trailer	ERT-38	2200	2400	2	Firefighting Foam Mobilization w/heater
Breathing Air Compressor Trailer	Air 1	2200	2400	2	SCBA Cylinder Refilling & Support
Generator Equipment Trailer	SPSI Generator 25kw unit	2200	2400	2	Power Source for Air-1
			 		
			 		
			 		
			 		

COMMUNICATIONS & METERS

	Service Date	
	Customer	: Norfolk Southern Corporation
	Project Location	East Palestine, OH
	SPSI Project Number/ICO Job Number	r: 1381-HME
	Pad Name/Container #/Tank/Rail Car #	t: Derailment Response
INSTRUMENTS	NUMBER OF UNITS	Comment(s)
Multi-Gas Meter with PID	6	Air Monitoring in Support of Operations
-Gas Multi-Meter	11	Individual 4-gas monitors
Cell Phone	5	Logistical Communications
-		
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PPE & MISC. EXPENDIBLES

Specialized Professional Services, Inc. 300 Commercial Drive Washington, PA 15301

Washington, PA 15301 P: F:

Service Date:	2/3/2023
Customer :	Norfolk Southern Corporation
Project Location:	East Palestine, OH
SPSI Project Number/ICO Job Number:	
Pad Name/Container #/Tank/Rail Car #:	Derailment Response

ITEMO	Pad Name/Container #/Tank/Rail Car #:	
ITEMS	NUMBER OF UNITS	Comment(s)
Nomex Coveralls/FR Outfitting	12	PPE
Nomex Hoods	12	PPE
Leather Firefighting Gloves	12	PPE
SCBA		PPE
Firefighting Turnout Gear		PPE
Firefighting Boots		PPE

RENTAL EQUIP. & SUBCONTRACTORS



Service Date:	2/3/2023
Customer :	Norfolk Southern Corporation
Project Location:	East Palestine, OH
SPSI Project Number/ICO Job Number:	1381-HME
Pad Name/Container #/Tank/Bail Car #:	Derailment Response

	Pad Name/Container #/Tank/Rail Car #:		
ITEMS	NUMBER OF ITEMS	VENDOR	Comment(s)
Tractor Service	1	Hunter	Transport of SPSI Ops Center Transport of SPSI Fire Trailer
Tractor Service	1	Hunter	Transport of SPSI Fire Trailer
United Rentals Pickup Truck-Crew Cab-J Scott	1	United Rentals	Transport 3-Phase Generator

Specialized Professional Services, Inc. 300 Commercial Drive

Washington, PA 15301

		7 F:
	Service Date:	2/3/2023
	Customer :	Norfolk Southern Corporation
	Project Location:	East Palestine, OH
	Customer : Project Location: SPSI Project Number/ICO Job Number:	1381-HME
	Pad Name/Container #/Tank/Rail Car #:	Derailment Response
ITEMS	VENDOR	Comment(s)
	VERDOIT	Comment(s)

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	Service Date: 2/3/2023
	Customer : Norfolk Southern Corporation
	Project Location: East Palestine, OH
	SPSI Project Number/ICO Job Number: 1381-HME
	Pad Name/Container #/Tank/Rail Car #: Derailment Response
Round Trip Miles Traveled:	66 miles
hysical Site Address:	
	NSC Derailment Site- East Palestine, OH
GPS Coordinates:	40.84993 N, 80.53497 W

SPSI was dispatched this evening by Norfolk Southern's Scott Deutsch to a derailment involving Fire and Hazardous Chemicals. Leaders of the SPSI crew drove directly to the incident and others met at the shop to load trucks, trailers, and other safety equipment. At the shop Hunter Trucking connected to SPSI's Operations Center and Fire Trailer to be mobilized to the staging area. SPSI personnel on site began initial site evaluations and collected infornmation on what commodities were involved, etc. Other SPSI personnel set up a staging area approximately 3/4 of a mile east of the derailment site.

DAILY PERSONNEL RECORD

Service Date:	2/4/2023
Customer:	Norfolk Southern Corporation
Project Location:	East Palestine, OH
SPSI Project Number/ICO Job Number:	1381-HME
Pad Name/Container #/Tank/Rail Car #:	Derailment Response

**** ALL TIMES	ADE DDECENTED	AS FASTERN STANDARD TIME ****
ALL HIVES	ARE PRESENTED	AS EASTERN STANDARD TIME ****

PERSONNEL: Last Name, First Name	POSITION	START TIME	END TIME	TOTAL HOURS
Day Shift				
McCarty, Drew	Sr. Project Manager	0	2100	21:00
Tokarski, Ryan	Project Manager	2200	2200	0:00
Kline, Michael	Project Manager	600	2200	16:00
Burket, Michael	Health & Safety Officer	0	2100	21:00
Klepsic, Alex	Sr. Supervisor	530	2100	15:30
MacDonald, Blaise	Sr. Supervisor	1400	2230	8:30
Orton, Billy	Driver/Operator	0	2200	22:00
Doman, James	Technician	530	2100	15:30
Doman, Zack	Technician	530	2100	15:30
Marin, Fransisco	Technician	530	2100	15:30
Filby, Charles	Technician	530	2100	15:30
Ferguson, Travis	Technician	530	2300	17:30
				0:00
				0:00
				0:00
				0:00
				0:00
Night Shift				0:00
Herrerra, D'Shawn	Supervisor			0:00
Herrerra, D'Shawn	Supervisor	1300	2400	11:00
Tokarski, Cody	Sr. Supervisor			0:00
Tokarski, Cody	Sr. Supervisor	1	2400	23:59
Fritz, Connor	Supervisor	0	1130	11:30
Fritz, Connor	Supervisor	1730	2400	6:30
Kalcthather, Max	Supervisor	0	1130	11:30
Kalcthather, Max	Supervisor	1730	2400	6:30
Redd, Nate	Technician	0	1130	11:30
Redd, Nate	Technician	1730	2400	6:30
Rummel, Perry	Driver/Operator	0	1130	11:30
Rummel, Perry	Driver/Operator	1730	2400	6:30
Washlack, John	Technician	0	1130	11:30
Washlack, John	Technician	1730	2400	6:30
Palmer, Greg	Health & Safety Officer			0:00
Palmer, Greg	Health & Safety Officer	1100	2400	13:00

Service Date:	2/4/2023
Customer :	Norfolk Southern Corporation
Project Location:	East Palestine, OH
SPSI Project Number/ICO Job Number:	1381-HME
Pad Name/Container #/Tank/Rail Car #:	Derailment Response

EQUIPMENT	UNIT	START TIME	END TIME	TOTAL UNITS	Comment(s)
Trucks					
					DM Estimated Idle Fuel Consumption: 2
Field Service Truck	Truck 116-D McCarty	0	2100	21 Hours	gallons
					On and off site Transportation: 40 Miles
					RT Estimated Idle Fuel Consumption: 2
Field Service Truck	Truck 241-R Tokarski	2200	2200	22 Hours	Gallons
					On and off-site Transportation: 100 mile
					CT Estimated Idle Fuel Consumption:6
Field Service Truck	Truck 248-C Tokarski	0	2400	24 Hours	Gallons
					On-site Transport: 20 miles
					CF Estimated Idle Fuel Consumption: 6
Field Service Truck	Truck 229-C Fritz	0	1130	15.5 Hours	Gallons
		1730	2400		On and off site Transportation: 140 Mile
					MK Estimated Idle Fuel Consumption: 6
Field Service Truck	Truck 233-M Kalcthather	0	1130	15.5 Hours	Gallons
		1730	2400		On and off Site Transportation: 140 Miles
					JW Estimated Idle Fuel Consumption: 6
Field Service Truck	Truck 242-J Washlack	0	1130	11.5 Hours	Gallons
					On and off Site Transportation: 140 Miles
					NR Estimated Idle Fuel Consumption: 6
Dump Truck, 1-Ton	Truck 244-N Redd	0	1130	2	Gallons
		1730	2100		On and Off Site Transportation: 190 Mile
5:110					MB Estimated Idle Fuel Consumption: 5
Field Service Truck	Truck 120-M Burket	0	2100	21 Hours	Gallons
					On and Off Site Transportation: 30 Miles
Field Service Truck	110.4 1.0				JS Estimated Idle Fuel Consumption: 6
Field Service Truck	UR-1 - J Scott	2200	2400	2	Gallons (
			+		On and Off Site Transportation: 70 Miles
Field Service Truck	Truck 250 D Herrera	1300	2400	40.11	DH Estimated Idle Fuel Consumption:<1
TIOID OCTVICE TRUCK	Truck 250 D Fieldera	1300	2400	13 Hours	Gallon
		<u> </u>			On and Off Site Transportation:70 Miles

Field Coming Tours	T. 1404 E.M. 1				FM Estimated Idle Fuel Consumption: <1
Field Service Truck	Truck 121 F Marin	530	2400	18.5 Hours	gallon
					On and off Site Transportation: 70 Miles
Field Service Truck	Truck 242 C Filby	530	0400	45.5%	CF Estimated Idle Fuel Consumption: <1
Tield Gervice Truck	Truck 242 C Filby	530	2100	15.5 hours	gallon
					On and Off Site Transportation: 140 Miles
				 	JD Estimated Idle Fuel Consumption: <1
Field Service Truck	Truck 227 J Doman	530	2100	15.5 Hours	Gallon
					Guilon
					On and Off Site Transportation: 140 Miles
					FM estimated Idle Fuel Consumption: <1
Field Service Truck	Truck 111 B MacDonald	1400	2030	5.5 Hours	Gallon
					On and Off Site Transportation: 70 Miles
Field Service Truck	GPPV	1100	2400	40.11	On and Off Oits Transactivity 2000 11
TICK CCIVICE TILCK	di i v	1100	2400	13 Hours	On and Off Site Transportation: 280 miles
Fire Truck, 65' Telesquirt, 1500 gpm Pump	T20-P Rummel	0	2400	24 Hours	Idle Time: 24 Hours
and the second second second second	120 / Hammer		2400	24 Hours	Idle Time. 24 Flours
Fire Truck, Pumper, 2000 gpm Pump	E20-B Orton	0	0400	0411	Idla Tirra Od III
The Hack, Famper, 2000 gpm Famp	E20-B OILOII		2400	24 Hours	Idle Time: 24 Hours
Trailers				-	
LPG Transload Trailer	ERT-9	530	2400	18.5 Hours	Trailer mobilized and in Staging
Spill Response Trailer	ERT-13	530	2400	18.5 Hours	Trailer in Staging
Spill Response Trailer	ERT-20	530	2400	18.5 Hours	Trailer mobilized and in Staging
Flat Deck Trailer	UTL-17	530	2400	18.5 Hours	Trailer mobilized and in Staging
Foam Transpot Trailer	ERT-38	530	2400	18.5 Hours	Trailer in Staging
Breathing Air Compressor Trailer	Air 1	0	2400	24 Hours	SCBA Cylinder Filling
Otter Pump Trailer	OT-01	0	2400	24 Hours	Trailer in Staging
Otter Pump Trailer	OT-02	530	2400	18.5 Hours	Trailer in Staging
Hose Wagon Trailer for LDH Fire Hose	Hose Wagon 1 (5")	0	2400	24 Hours	Trailer in Staging
Hose Wagon Trailer for LDH Fire Hose	Hose Wagon 3 (7.25")	0	2400	24 Hours	Trailer in Staging
Dump Trailer For LDH Fire Hose	Dump Trailer (5")	0	2400	24 Hours	Trailer in Staging
Ops Center	Ops Center	0	2400	24 Hours	Mobilize and Planning Area
Fire Trailer	Fire Trailer	0	2400	24 Hours	Mobilize and Fire Equip. Supply Trailer
Generator Equipment Trailer	SPSI 25kw generator unit	0	2400	24 Hours	Power Source for Air-1
Norfolk Southern Fire Trailer	NS Trailer			24 Hours	Trailer mobilized and in staging
Equipment				2.110013	
Utility Terrain Vehicle	Kowasaki 1	530	2400	18.5 Hours	Mobilized and used for site Transportation
1500 gpm Screaming Eagles	1,2,4	530	2400	18.5 Hours	Mobilized and in Staging
				 	

COMMUNICATIONS & METERS



	Service Date:	2/4/2023
	Customer :	Norfolk Southern Corporation
	Project Location:	East Palestine, OH
Ì	SPSI Project Number/ICO Job Number:	1381-HME
	Pad Name/Container #/Tank/Rail Car #:	Derailment Response

	Pad Name/Container #/Tank/Rail Car #	: Derailment Response
INSTRUMENTS	NUMBER OF UNITS	Comment(s)
Portable Radios	8	Communication
Extra Portrable Radio Batteries	8	Communication
Multi-Gas Meter with PID	8	Air Monitoring in Support of Operations (Hot Zone
		Deployment protection)
4-Gas Multi-Meter	11	Individual 4-gas monitors (on-site, not used)

PPE & MISC. EXPENDIBLES

Ĺ	Service Date: 2/4	/4/2023
	Customer : No	orfolk Southern Corporation
L	Project Location: Ea	ast Palestine, OH
	SPSI Project Number/ICO Job Number: 13	381-HME
Г	Pad Name/Container #/Tank/Rail Car #: De	erailment Resnonse

ITEMS	rau Name/Container #/ Tank/Hair Car #: Derailment Hesponse		
IIEWS	NUMBER OF UNITS	Comment(s)	
N			
Nomex Coveralls/FR Outfitting	21	PPE	
FireFighting Boots	21	PPE	
Firefighting Gloves	10	PPE	
Fire Fighting Helmets	12	PPE	
SCBA	12	PPE	
Firefighting Turnout Gear	20	PPE	
Nomex Hoods	21	PPE	

RENTAL EQUIP. & SUBCONTRACTORS

Specialized Professional Services, Inc. 300 Commercial Drive Washington, PA 15301

wasnington, PA P: F:

Service Date:	2/4/2023
Customer :	Norfolk Southern Corporation
Project Location:	East Palestine, OH
SPSI Project Number/ICO Job Number:	1381-HME
Pad Name/Container #/Tank/Rail Car #:	Derailment Response

ITEMS	NUMBER OF ITEMS	VENDOR	Comment(s)
Tractor	1	Hunter	Mobilized Fire Trailer
Tractor	1		
		Hunter	Mobilized Fire Trailer
Porta Jons	12	Hapchuck	
Welders	2	Ginger Welding	In staging, briefed as to hot tapping anticipated.

DAILY FIELD PURCHASES

Specialized Professional Services, Inc. 300 Commercial Drive Washington, PA 15301

P: F:

Service Date:	2/4/2023
Customer :	Norfolk Southern Corporation
Project Location:	East Palestine, OH
SPSI Project Number/ICO Job Number:	1381-HME
Pad Name/Container #/Tank/Rail Car #:	Derailment Response

rad Name/Container #/ Tank/hai	
	Comment(s)
N/A	Blaise MacDonald awaiting Receipt
Wyndham	Travis Ferguson awaiting Receipt
Microtel	Michael Burket awating Receipt
N/A	Greg Palmer Awaiting Receipt
	\$142.06
	VENDOR N/A Wyndham Microtel N/A Circle K

P:

	Service Date: 2/4/2023		
	Customer : Norfolk Southern Corporation		
	Project Location: East Palestine, OH		
	SPSI Project Number/ICO Job Number: 1381-HME		
	Pad Name/Container #/Tank/Rail Car #: Derailment Response		
Round Trip Miles Traveled:	AVG: 140 miles		
Physical Site Address:			
	NSC Derailment Site- East Palestine, OH		
GPS Coordinates:	40.84993 N, 80.53497 W		

SPSI crews onsite at the East Palestine Derailment Staged 3/4 miles east of derailment. Additional SPSI personnel and equipment resources arrived at daylight. The ops center and the fire trailer were set up, and firefighting PPE was distributed to personnel that may be tasked in the hot zone. Later in the morning, Drew McCarty and Scott Gould from NS flew with OH State Police survielance aircraft to further assess the wreck site using their camera imaging technology during daylight hours. That flight was successful in determining which car the loaded isobutylene car was. During that flight, some of the pool fires had died down and so did cycling PRD's on the three burning VCM cars. We watched conditions for a couple hours with no PRD activitations, and we prepared two entry teams for further assessment and hot tap planning recon. With two (2) 4-person entry teams initiating some of the entry objectives late this afternoon, one of the VCM cars had a sudden, violent, and sustained high-pressure release event. We pulled crews out from the hot zone and immediately and reconsidered possible tank car conditions and concerns of polymerization potential. The car vented for approx. 70 minutes until the pressure calmed down, and the residual fire continued to burn within the protective housing. At that moment the SPSI crew met back at the ops center and reconsidered future entries, tactical options, etc. Drew McCarty advised NS hazmat that they should start considering to Vent & Burn the VCM cars. We continued to consider jacket removal and hot tapping to facilitate liquid flaring (or transfers if not polymerizing and trucks and inhibitor available). NS called SRS to mobilize for additional assessment and assistance. We continued to stay clear from the hot zone tonight while SRS was mobilizing and EPA video equipment was used to monitor hot zone fire conditions overnight. Night crew continued to organize our staging area and prepare for hot tapping tomorrow if SRS has any different perspective, etc.

DAILY PERSONNEL RECORD

Specialized Professional Services, Inc. 300 Commercial Drive

Washington, PA 15301

P: F:

Service Date:	2/5/2023
Customer :	Norfolk Southern Corporation
Project Location:	East Palestine, OH
SPSI Project Number/ICO Job Number:	1381-HME
Pad Name/Container #/Tank/Rail Car #:	Derailment Response

**** ALL TIMES ARE PRESENTED AS EASTERN STANDARD TIME ****	****	ALL	TIMES	ARE	PRESENTED	AS EASTERN	STANDARD TIME ****
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PERSONNEL: Last Name, First Name	POSITION	START TIME	END TIME	TOTAL HOURS
Day Shift			•	
McCarty, Drew	Sr. Project Manager	600	2100	15:00
Tokarski, Ryan	Project Manager	530	2200	16:30
Kline, Michael	Project Manager	530	2130	16:00
Burket, Michael	Health and Safety Officer	600	2130	15:30
Klepsic, Alex	Sr. Supervisor	530	2200	16:30
MacDonald, Blaise	Sr. Supervisor	530	2030	15:00
Orton, Billy	Driver/Operator	530	2130	16:00
Doman, James	Technician	530	2100	15:30
Doman, Zack	Technician	530	2100	15:30
Marin, Fransisco	Technician	530	2100	15:30
Filby, Charles	Technician	530	2200	16:30
Ferguson, Travis	Technician	630	2000	13:30
				0:00
				0:00
				0:00
				0:00
				0:00
Night Shift				0:00
Herrerra, D'Shawn	Supervisor	0	900	9:00
Herrerra, D'Shawn	Supervisor	1730	2400	6:30
Tokarski, Cody	Sr. Supervisor	0	900	9:00
Tokarski, Cody	Sr. Supervisor	1730	2400	6:30
Fritz, Connor	Supervisor	0	900	9:00
Fritz, Connor	Supervisor	1730	2400	6:30
Kalcthather, Max	Supervisor	0	900	9:00
Kalcthather, Max	Supervisor	<u> </u>		0:00
Redd, Nate	Technician	0	900	9:00
Redd, Nate	Technician	1730	2400	6:30
Rummel, Perry	Driver/Operator	0	900	9:00
Rummel, Perry	Driver/Operator	1730	2400	6:30
Washlack, John	Technician	0	900	9:00
Washlack, John	Technician	1730	2400	6:30
Palmer, Greg	Health & Safety Officer	0	800	8:00
Palmer Greg	Health & Safety Officer	1730	2400	6:30

Service Date:	2/5/2023
Customer :	Norfolk Southern Corporation
Project Location:	East Palestine, OH
SPSI Project Number/ICO Job Number:	
Pad Name/Container #/Tank/Rail Car #:	Derailment Response

EQUIPMENT	UNIT	START TIME	END TIME	TOTAL UNITS	Comment(s)
Trucks					
					DM Estimated Idle Fuel Consumption: 2
Field Service Truck	Truck 116-D McCarty	600	2100	15 Hours	gallons
					On and off site Transportation: 40 Miles
					RT Estimated Idle Fuel Consumption: 2
Field Service Truck	Truck 241-R Tokarski	530	2200	16.5 hours	Gallons
					On and off-site Transportation: 100 miles
					CT Estimated Idle Fuel Consumption:<1
Field Service Truck	Truck 248-C Tokarski	0	900	15.5 hours	Gallons
		1730	2400		On-site Transport: 20 miles
					CF Estimated Idle Fuel Consumption: <1
Field Service Truck	Truck 229-C Fritz	0	900	15.5 Hours	Gallons
		1730	2400		On and off site Transportation: 140 Miles
5 110 1 5 1					MK Estimated Idle Fuel Consumption: <1
Field Service Truck	Truck 233-M Kalcthather	0	900	15.5 Hours	Gallons
					On and off Site Transportation: 70 Miles
F:					JW Estimated Idle Fuel Consumption: <1
Field Service Truck	Truck 242-J Washlack	0	900	9 hours	Gallons
					On and off Site Transportation: 140 Miles
Field Service Truck	Tours Odd N. D. 11				NR Estimated Idle Fuel Consumption: <1
Field Service Truck	Truck 244-N Redd	0	1130	15.5	Gallons
		1730	2100		On and Off Site Transportation: 190 Miles
		1730	2100		MB Estimated Idle Fuel Consumption: <1
Field Service Truck	Truck 120-M Burket	600	2130	15.5 Hours	Gallons
	The state of the s		2100	13.3 110015	Gallons
					On and Off Site Transportation: 100 Miles
Field Service Truck	UR-1 -	0	2400	24 hours	JS Estimated Idle Fuel Consumption: 0
	Two 50 gallon fuel cells				On and Off Site Transportation: 0 Miles
					DH Estimated Idle Fuel Consumption:<1
Field Service Truck	Truck 250 D Herrera	00	900	13 Hours	Gallon
		1730	2400		On and Off Site Transportation:60 Miles
					FM Estimated Idle Fuel Consumption: <1
Field Service Truck	Truck 121 M Kline	530	2130	21.5 Hours	gallon
Tolls for 576					On and off Site Transportation: 70 Miles
Field Conden To 1					JD Estimated Idle Fuel Consumption: <1
Field Service Truck	Truck 226 J Doman	530	2100	15.5 Hours	Gallon

					On and Off Site Transport at 1 to 140 Miles
					On and Off Site Transportation: 140 Miles FM estimated Idle Fuel Consumption: <1
Field Service Truck	Truck 111 B MacDonald	530	2030	15 Hours	Gallon
	Track 111 B MacDonald	300	2030	15 Hours	On and Off Site Transportation: 70 Miles
				 	On and On Site Transportation, 70 Miles
Field Service Truck	GPPV	0	800	14.5 Hours	On and Off Site Transportation: 40 miles
		1700	2400		
Field Service Truck	PRPV	0	930	15.5	On and Off Site Transportation: 140 miles
		1730	2400		
Stake Bed Truck	Truck 200 T F	200			
Stake Ded Truck	Truck 302 T Ferguson	630	2030	14 hours	On and off site transportation:40 miles
					AK II III G I O
Field Service Truck	Truck 246 A Klepsic	530	2200	16.5 Hours	AK estimated Idle Fuel Consumption: <1
THE SETTION TRUCK	Truck 240 A Riepsie	330	2200	STUDEN C.OT	Gallon
					On and off Site Transportation: 140 Miles
					On and on Site Transportation, 140 Miles
Field Service Truck	Truck 350 B Bell	1000	1600	6 Hours	On and off Site Transportation: 140 Miles
Fire Truck, 65' Telesquirt, 1500 gpm Pump	T20-P Rummel	0	2400	24 Hours	Idle Time: 24 Hours
					Tale Time: E T Todie
Fire Truck, Pumper, 2000 gpm Pump	E20-B Orton	0	2400	24 Hours	Idle Time: 24 Hours
Trailers					
LPG Transload Trailer	ERT-9	0	2400	24 hours	Trailer mobilized and in Staging
Spill Response Trailer	ERT-13	0	2400	24 hours	Trailer in Staging
Spill Response Trailer	ERT-20	0	2400	24 hours	Trailer mobilized and in Staging
Flat Deck Trailer	UTL-17	0	2400	24 hours	Trailer mobilized and in Staging
Foam Transpot Trailer	ERT-38	0	2400	24 hours	Trailer in Staging
Breathing Air Compressor Trailer	Air 1	0	2400	24 Hours	SCBA Cylinder Filling
Hose Wagon Trailer for LDH Fire Hose	Hose Wagon 1 (5")	0	2400	24 Hours	Trailer in Staging
Hose Wagon Trailer for LDH Fire Hose	Hose Wagon 3 (7.25")	0	2400	24 Hours	Trailer in Staging
Dump Trailer For LDH Fire Hose	Dump Trailer (5")	0	2400	24 Hours	Trailer in Staging
Ops Center	Ops Center	0	2400	24 Hours	Mobilize and Planning Area
Fire Trailer	Fire Trailer	0	2400	24 Hours	Mobilize and Fire Equip. Supply Trailer
Generator Equipment Trailer	SPSI 25kw Generator	0	2400	24 Hours	Power Source for Air-1
Norfolk Southern Fire Trailer	NS Trailer	0	2400	24 Hours	Trailer mobilized and in staging
Equipment					
				-	
Utility Terrain Vehicle	Kowasaki 1		2400	18.5 Hours	Mobilized and used for site Transportation
1500 gpm Screaming Eagles	1,2,4		2400	18.5 Hours	Mobilized and in Staging
Skid Steer	SS1	1730	2400	6.5 Hours	Mobilized in staging
Skid Steer	SS2	1730	2400	6.5 Hours	Mobilized in staging
Mini Excavator		1730	2400	6.5 Hours	Mobilized in staging
Otter Pump	OT-01				Mobilized in staging
Otter Pump	OT-01				Mobilized in staging

COMMUNICATIONS & METERS

W	ashington,	PΑ	15301
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	Service Date:	2/5/2023
i	Customer :	Norfolk Southern Corporation
	Project Location:	East Palestine, OH
i	SPSI Project Number/ICO Job Number:	1381-HME
	Pad Name/Container #/Tank/Rail Car #:	Derailment Response
	NUMBER OF UNITS	Commer

	Pad Name/Container #/Tank/Rail (Derailment Response		
INSTRUMENTS	NUMBER OF UNITS	Comment(s)		
Portable Radios	8	Communication		
Pressure Guage 0-150psi	2	Pressure readings easternmost VCM & Isobutylene		
Multi-Gas Meter with PID	9	Air Monitoring in Support of Operations (Hot Zone Deployment protection)		
4-Gas Multi-Meter	8	Individual 4-gas monitors (on-site, not used)		
Calibration gas w/ regulator	2	4-gas and isobutylene		

PPE & MISC. EXPENDIBLES

Service Date: 2	2/5/2023
Customer :	Norfolk Southern Corporation
Project Location: E	East Palestine, OH
SPSI Project Number/ICO Job Number: 1	1381-HME
Pad Name/Container #/Tank/Rail Car #: [Derailment Response

	Pad Name/Container #/Tank/Rail Car #			
ITEMS	NUMBER OF UNITS	Comment(s)		
Name of Constalla IED Contint				
Nomex Coveralls/FR Outfitting	21	PPE		
FireFighting Boots	19	PPE		
Firefighting Gloves	10	PPE		
Fire Fighting Helmets	12	PPE		
Scott SCBA	10	PPE		
Turnout Gear	19	PPE		
Nomex Hoods	15	PPE		

RENTAL EQUIP. & SUBCONTRACTORS

Specialized Professional Services, Inc. 300 Commercial Drive Washington, PA 15301

P: F:

Service Date:	2/5/2023
Customer :	Norfolk Southern Corporation
Project Location:	East Palestine, OH
SPSI Project Number/ICO Job Number:	1381-HME
Pad Name/Container #/Tank/Rail Car #:	Derailment Response

	Fau Name/Container #/Tanionali Car #: Derailment Response			
ITEMS	NUMBER OF ITEMS	VENDOR	Comment(s)	
Nitrogen Trailers	1	Linde	Bulk Nitrogen	
Tractor	2	Linde	Mobilize Nitrogen Trailers	
3-phase Generator	1	United Rentals	Power for Air-1	
Porta Jons	10	Hapchuck		
Welders	2	Ginger Welding	Prepared in stagingafter SRS did their assessment and agreed with us, we demobilized the welders.	

DAILY FIELD PURCHASES

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		Pi
	Service Date:	2/5/2023
	Customer :	Norfolk Southern Corporation
	Project Location:	East Palestine, OH
	SPSI Project Number/ICO Job Number:	1381-HME
	Pad Name/Container #/Tank/Rail Car #:	Derailment Response
ITEMS	VENDOR	Comment(s)
Hotel Room	N/A	Blaise MacDonald
Hotel Room	N/A	Travis Ferguson
Hotel Room	N/A	Greg Palmer
Hotel Room	N/A	D'Shawn
Metal Cutting Equipment		\$482.65
Fuel		\$144.00
Fuel		\$73.95
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P: F:

	Service Date: 2/5/2023
	Customer : Norfolk Southern Corporation
	Project Location: East Palestine, OH
	SPSI Project Number/ICO Job Number: 1381-HME
	Pad Name/Container #/Tank/Rail Car #: Derailment Response
Round Trip Miles Traveled:	AVG: 140 miles
Physical Site Address:	
	NSC Derailment Site- East Palestine, OH
GPS Coordinates:	40.84993 N, 80.53497 W

SPSI night crew continued to fuel equipment and top off partially used SCBA cylinders throughout the night until the daylight arrived onsite at 0700. A shift change briefing was held to aknowledge both crews on site safety and what the objectives are for the daylight shift. Night shift demobilized back to the shop and the daylight crew began to hold meetings with Norfolk Southern, SPSI, SRS, and two specific Hepaco personnel. Four crews entered the hot zone this afternoon to continue tank car assessments. Entry team 1 was tasked with assessing car OCPX080370 (westernmost VCM car that had quit burning(Drew & Charles). Findings were the car was Oriented N to S, Tilted to East, the housing was at 2 o'clock position, the temperature of the car was 135 F, and the fire in the housing had burned out. Entry team 2 had been tasked with assessing cars NATX035844 and UTLX205907. Findings were the Isobutylene car was at 70 psi with a temperature of 82 degrees on the pressure plate. On the UTLX205907 car, crews observed the car had been impaled by NATX231335 with possibly having the coupler through the shell of the tank and it may likely be empty. Entry team 3 assessed car DOWX073168 finding the car had 0 pressure, the shell had been breached, and the temperature of the car was 63-70 F. Entry Team 4 had been tasked with assessing car GATX095098. Findings were the car had three visible rips in the jacket, the car was non venting, and had a very slight southern lean. The remaining general service cars in immediate vicinity of the VCM cars were all confirmed to be breached with holes in them and not going to risk BLEVE actions during vent and burn. All crews left the hot zone and regrouped back at the trailer to have a meeting with Norfolk Southern personnel. In the meeting, actions were discussed on what options were best to empty the vinyl chloride cars, and two options were created based on hourly monitoring. The first option considered hot tapping the VCM cars and create a liquid flare(s) into a burn pit(s). SRS concurred with SPSI's assessment that hot tapping would be risky in jacket removal activities, welding on tanks with uncertainty of volumes left in three of the burning VCM cars, and risk to welding personnel having to work in flammable-latent ditches at low points of cars, etc. The other option would to be a vent and burn by using explosives to make holes in the vapor space of the cars to relieve internal pressure, and then low in the liquid spaces of the cars to remove liquids to a burn pit for controlled burning. NS hazmat managers, Drew and Chip all met with command staff this afternoon to present this information and proposed work plan to deal with the VCM cars. We advised the command staff that the car on the west had one small section of its jacket removed and its temperature was 135F and had increased to 138F within an hour. In addition, we expressed the concern for the other two VCM cars that were still burning and the third car next to those ones in the eastern area pool fire area...we had concerns for those four cars in particular and Vent & Burn operation would be the best option for those four cars. At the time of that meeting, we had reserved optimism that the fifth VCM car (easternmost VCM car) may have been able to rerailed or moved far away from the others. However, Chip and NS mechanical folks assessed that easternmost VCM car late this evening and found it to be not safe to move, so it was added to the cars to be vented & safely deinventoried via vent&burn operation when the other four are done. NS authorized Jason Poe to mobilize tonight. Drew picked him and his crew and materials up at PIT FBO at midnight.

DAILY PERSONNEL RECORD

Specialized Professional Services, Inc. 300 Commercial Drive Washington, PA 15301

P:

Service Date:	2/6/2023
Customer :	Norfolk Southern Corporation
Project Location:	East Palestine, OH
SPSI Project Number/ICO Job Number:	1381-HME
Pad Name/Container #/Tank/Rail Car #:	Derailment Response

**** ALL TIMES ARE PRESENTED AS EASTERN STANDARD TIME ****

PERSONNEL: Last Name, First Name	POSITION	START TIME	END TIME	TOTAL HOURS
Day Shift			<u> </u>	
McCarty, Drew	Sr. Project Manager	530	2400	18:30
Tokarski, Ryan	Project Manager	530	2200	16:30
Kline, Michael	Project Manager	530	2100	15:30
Burket, Michael	Health & Safety Officer	600	2200	16:00
Klepsic, Alex	Sr. Supervisor	530	2100	15:30
MacDonald, Blaise	Sr. Supervisor	530	2230	17:00
Orton, Billy	Driver/Operator	530	2130	16:00
Doman, James	Technician	530	2100	15:30
Doman, Zack	Technician	530	2100	15:30
Marin, Fransisco	Technician	530	2100	15:30
Filby, Charles	Technician	530	2200	16:30
Ferguson, Travis	Technician	530	2000	14:30
Maga, Shane	Sr. Supervisor	600	2130	15:30
Lang, Matt	Technician	630	1130	5:00
				0:00
				0:00
				0:00
Night Shift				0:00
Herrerra, D'Shawn	Supervisor	0	930	9:30
Herrerra, D'Shawn	Supervisor	1730	2400	6:30
Tokarski, Cody	Sr. Supervisor	0	1000	10:00
Tokarski, Cody	Sr. Supervisor	1730	2400	6:30
Fritz, Connor	Supervisor	0	900	9:00
Fritz, Connor	Supervisor	1730	2400	6:30
Coxx, Aaron	Technician	0	900	9:00
Coxx, Aaron	Technician	1730	2400	6:30
Redd, Nate	Technician	0	900	9:00
Redd, Nate	Technician	1730	2400	6:30
Rummel, Perry	Driver/Operator	0	900	9:00
Rummel, Perry	Driver/Operator	1730	2400	6:30
Washlack, John	Technician	0	900	9:00
Washlack, John	Technician	1730	2400	6:30
Palmer, Greg	Sr. Supervisor	0	900	9:00
Palmer Greg	Sr. Supervisor	1730	2400	6:30

Service Date:	2/6/2023
Customer :	Norfolk Southern Corporation
Project Location:	East Palestine, OH
SPSI Project Number/ICO Job Number:	1381-HME
Pad Name/Container #/Tank/Rail Car #:	Derailment Response

EQUIPMENT	UNIT	START TIME	END TIME	TOTAL UNITS	Comment(s)
Trucks					- Comment(o)
					DM Estimated Idle Fuel Consumption: 2
Field Service Truck	Truck 116-D McCarty	600	2400	18 Hours	gallons
					On and off site Transportation: 40 Miles
					RT Estimated Idle Fuel Consumption: 2
Field Service Truck	Truck 241-R Tokarski	530	2200	16.5 hours	Gallons
					On and off-site Transportation: 100 miles
Field Service Truck	Truck 248-C Tokarski	0	1000	40.511	CT Estimated Idle Fuel Consumption:<1
TISIA COTVICE TTACK	Truck 248-0 Tokalski	1730	1000	16.5 Hours	Gallons
		1730	2400		On-site Transport: 20 miles
Field Service Truck	Truck 229-C Fritz	0	900	15.5 Hours	CF Estimated Idle Fuel Consumption: <1 Gallons
	THOR ZES OT THE			15.5 Hours	
		1730	2400		On and off site Transportation: 140 Miles
					TF Estimated Idle Fuel Consumption: <1
Field Service Truck	Truck 302 T Ferguson	630	2000	14 hours	Gallon
			2000	14110013	On and off Site Transportation: 40 miles
					JW Estimated Idle Fuel Consumption: <1
Field Service Truck	Truck 121-J Washlack	0	900	15.5 hours	Gallon
		1730	2400	10.0 110013	On and off Site Transportation: 70 Miles
			2100		NR Estimated Idle Fuel Consumption: <1
Field Service Truck	Truck 244-M Lang	630	1130	5 Hours	Gallon
					On and Off Site Transportation: 190 Miles
					AK Estimated Idle Fuel Consumption <1
Field Service Truck	Truck 246 A Klepsic	530	2100	15.5 hours	Gallon
First Court F	_				MB Estimated Idle Fuel Consumption: <1
Field Service Truck	Truck 120-M Burket	600	2200	16 Hours	Gallons
					On and Off Site Transportation: 100 Miles
Field Service Truck	UR-1 -	0	2400	24 hours	IS Fedimented Idle Food Community of
	Two 50 gallon fuel cells		2400	24 Hours	JS Estimated Idle Fuel Consumption: 0 On and Off Site Transportation: 0 Miles
	gamen (ac. co.)		 		DH Estimated Idle Fuel Consumption:<1
Field Service Truck	Truck 250 D Herrera	0	930	16 Hours	Gallon
		1730	2400		On and Off Site Transportation:60 Miles
					FM Estimated Idle Fuel Consumption: <1
Field Service Truck	Truck 121 M Kline	530	2100	15.5 Hours	gallon

Tolls for 576				T	On and off Site Transportation: 70 Miles
		<u> </u>		-	
Field Service Truck	Truck 226 J Doman	530	2100	15.5 Hours	JD Estimated Idle Fuel Consumption: <1 Gallon
	Track ZEO o Doman	330	2100	15.5 Hours	Gallon
					On and Off Site Transportation: 140 Mile
					FM estimated Idle Fuel Consumption: <1
Field Service Truck	Truck 111 B MacDonald	530	2030	15 Hours	Gallon
					On and Off Site Transportation: 70 Miles
Field Service Truck	GPPV	^	000		
Tield dervice Truck	<u>GFFV</u>	0 1700	800	13 Hours	On and Off Site Transportation: 280 mile
		1700	2400		
Field Service Truck	Truck 251 P Rummel	0	900	15.5 hours	On and Off Site Transportation: 140 miles
	Track 25 T Transition	1730	2400	13.3 110018	On and On Site Transportation: 140 mile
		1700	2400		AK Estimated Idle Fuel Consumption <1
Field Service Truck	Truck 246 A Klepsic	530	2100	15.5 hours	Gallon
	774077 2 70 77 740 0010		2100	13.3 110015	On and Off Site Transportation
Fire Truck, 65' Telesquirt, 1500 gpm Pump	T20-P Rummel	0	2400	24 Hours	Running Time: 24 Hours
, , , ,	The Friday		2400	24110013	Hulling Title. 24 Hours
Fire Truck, Pumper, 2000 gpm Pump	E20-B Orton	0	2400	24 Hours	Running Time: 24 Hours
, , , , , , , , , , , , , , , , , , , ,	220 5 01.0.1		2400	24110015	Truming Time, 24 Hours
Trailers					
LPG Transload Trailer	ERT-9	0	2400	24 Hours	Trailer mobilized and in Staging
Spill Response Trailer	ERT-13	0	2400	24 Hours	Trailer in Staging Trailer in Staging
Spill Response Trailer	ERT-20	0	2400	24 Hours	Trailer in Staging Trailer mobilized and in Staging
Flat Deck Trailer	UTL-17	0	2400	24 Hours	Trailer mobilized and in Staging Trailer mobilized and in Staging
Foam Transpot Trailer	ERT-38	0	2400	24 Hours	Trailer mobilized and in Staging Trailer in Staging
Breathing Air Compressor Trailer	Air 1	0	2400	24 Hours	SCBA Cylinder Filling
Otter Pump Trailer	OT-01	0	2400	24 Hours	Trailer in Staging
Otter Pump Trailer	OT-02	0	2400	24 Hours	Trailer in Staging
Hose Wagon Trailer for LDH Fire Hose	Hose Wagon - 1 (5")	0	2400	24 Hours	Trailer in Staging
Hose Wagon Trailer for LDH Fire Hose	Hose Wagon - 3 (7.25")	0	2400	24 Hours	Trailer in Staging
Dump Trailer For LDH Fire Hose	Dump Trailer (5")	0	2400		
Ops Center	Ops Center			24 Hours	Trailer in Staging
Fire Trailer		0	2400	24 Hours	Mobilize and Planning Area
	Fire Trailer	0	2400	24 Hours	Mobilize and Fire Equip. Supply Trailer
Generator Equipment Trailer	SPSI 25kw generator unit	0	2400	24 Hours	Power Source for Air-1
Norfolk Southern Fire Trailer	NS Trailer	0	2400	24 Hours	Trailer mobilized and in staging
Equipment					
			_		
Utility Terrain Vehicle	Kowasaki 1				Mobilized and used for site Transportation
1500 gpm Screaming Eagles	1,2,4				Trailer in Staging
Skid Steer	SS1	1730	2400	6.5 Hours	Mobilized in staging
Skid Steer	SS2	1730	2400	6.5 Hours	Mobilized in staging
Mini Excavator	EX-8	1730	2400	6.5 Hours	Mobilized in staging
Otter Pump	OT-01			0.0 1 10013	Deployed State Park to Shallow Lake

	1		T	T	
Otter Pump	OT-02				Depoloyed Taggart Shallow Lake to E-20
7.25" Large Diameter Fire Hose	960 feet			960	Water Supply Lake to E-20
5" Large Diameter Fire Hose	500 feet			500	Engine 20 to Truck 20 & Appliances
3" Fire Hose	600 feet			600	Truck 20 to Fireground Appliances
500 man Blitaffer Analls					
500 gpm Blitzfire Appliance	1			1	Leake Oil Buildings & Tank Farm Wetting
1250 gpm Elkhart Stinger Appliance 1500 gpm Daspit Appliance 5" Large Diameter Fire Hose	1			1	Leake Oil Buildings & Tank Farm Wetting Ceramfab NE Corner Wetting
1500 gpm Daspit Appliance	1	<u> </u>		1	Ceramfab NE Corner Wetting
5" Large Diameter Fire Hose	400 feet			400	Hydrant to Ceramfab NE Corner wetting
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COMMUNICATIONS & METERS

Service Date: 2/6/2023	P:
Customer : Norfolk Southern Corporation	F:
Project Location: East Palestine, OH	
SPSI Project Number/ICO Job Number: 1381-HME	
Pad Name/Container #/Tank/Pail Car #: Derailment Pechana	

of of Toject Number/100 oob Number.	11301-11ME
NUMBER OF UNITS	Comment(s)
7	Communication
8	Air Monitoring in Support of Operations (Hot Zone Deployment protection)
8	Individual 4-gas monitors (on-site, not used)
1	Westernmost VCM car temp monitoring
2	4-gas and isobutylene
1	Attempted tank car temp readings on eastern cars
	Pad Name/Container #/Tank/Rail Car #: NUMBER OF UNITS 7 8 8 1

PPE & MISC. EXPENDIBLES

Service Date:	2/6/2023
Customer :	Norfolk Southern Corporation
Project Location:	East Palestine, OH
SPSI Project Number/ICO Job Number:	1381-HME
Pad Name/Container #/Tank/Rail Car #:	Derailment Response

	Pad Name/Container #/Tank/Rail Car #:	Derailment Response
ITEMS	NUMBER OF UNITS	Comment(s)
Norman Courselle (ED Course)		
Nomex Coveralls/FR Outfitting	21	PPE
FireFighting Boots	19	PPE
Firefighting Gloves	19	PPE
Fire Fighting Helmets	12	PPE
Scott SCBA	12	PPE
Turnout Gear	20	PPE
Nomex Hoods	21	PPE
5 Gallon Jugs of Flourine Free Foam	4	Fire Supression - supported Jason Poe crew set up
20 lb Fire Extinguisher	1	Fire Supression - supported Jason Poe crew set up
10 lb Fire Extinguisher	1	Fire Supression - supported Jason Poe crew set up

RENTAL EQUIP. & SUBCONTRACTORS

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	Service Date:	2/6/2023
Į	Customer :	Norfolk Southern Corporation
	Project Location:	East Palestine, OH
	SPSI Project Number/ICO Job Number:	1381-HME
	Pad Name/Container #/Tank/Rail Car #:	Derailment Response

15500	Tad Name/Container #/Tank/hall Cal #.	Defailment nespons	
ITEMS	NUMBER OF ITEMS	VENDOR	Comment(s)
Nitrogen Trailers	11	Linde	Bulk Nitrogen Nitrogen Trailers on stand by Power for Air-1
Tractor	2	Linde	Nitrogen Trailers on stand by
3-phase Generator	1	United Rentals	Power for Air-1
Porta Jons	10	Hapchuck	
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DAILY FIELD PURCHASES

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	Service Date:	2/6/2023
	Customer:	Norfolk Southern Corporation
	Project Location:	East Palestine, OH
	SPSI Project Number/ICO Job Number:	1381-HME
	Pad Name/Container #/Tank/Rail Car #:	Derailment Response
ITEMS	VENDOR	Comment(s)
Hotel Room	N/A	Blaise MacDonald awaiting Receipt
Hotel Room	N/A	D'Shawn
Hotel Room	N/A	Travis Ferguson
Hotel Room	N/A	Greg Palmer
Fuel	Marathon	\$129.01
Fuel	Marathon	\$126.01
Fuel	Getgo	\$122.13
Fuel		\$11.23
Fuel		\$94.31
Tolls		

P:

	Service Date: 2/6/2023
	Customer : Norfolk Southern Corporate
	Project Location: East Palestine, OH
	SPSI Project Number/ICO Job Number: 1381-HME
	Pad Name/Container #/Tank/Rail Car #: Derailment Response
Round Trip Miles Traveled:	AVG: 140 miles
Physical Site Address:	
	NSC Derailment Site- East Palestine, OH
GPS Coordinates:	40.84993 N, 80.53497 W

Night shift moved pallets from rear of Brave Industries to remove that wood fuel load prior vent and burn operations. Overnight operations also started creating burn containment ditching and containment berming as preparations for vent and burn operations. Daylight continued and finished burn berming and containments to keep VCM fires contained and away from the Isobutylene car. Another SPSI team used two skid steers with fork attachments and the material handler to continue operations of moving lumber away from where they could be damaged from the vent and burn. These operations continues until 1200 where all crews met back at the operations center trailer. As ESI crew was deplying their shaped charges, we deployed an Otter pump water supply for exposure protection water applications. An Otter pump was placed in state park to transfer water under tracks to shallow pond, and another Otter was used to supply the accident site with exposure protection water. A relay pumper was placed 900' away from the otter pump which boosted pressure to the 65' telesquirt. The telesquirt fire apparatus supplied water to 3 ground monitors and the arial to provide cooling for a fuel tank farm and a large building that would be subject to heavy radiant heat exposure from the vent and burn. A hydrant on Taggart Street was also utilized to supply a Daspit appliance at NE corner of Ceramfab building. At approximately 4:30pm this afternoon, the vent and burn operations were safely executed for the five VCM cars to relieve their internal pressures and safely deinventory those cars to in-situ burning destruction. Drew asked all SPSI personnel to meet at the east palestine school for a safety break and team meeting during the burn time. A shift briefing occured in a classroom and the night shift relieved the daylight crew. The command staff allowed VCM and other material fires to burn out overnight before tomorrow's daylight assessment and wreck clearing operations anticipated tomorrow. The night shift stayed in the classroom throughout