

SUMMARY OF CAR TYPES

6 BOX CAR - 6 CUSHIONED DRAWBAR CARS
 34 COVERED HOPPER
 21 FLAT CAR - 21 CUSHIONED DRAWBAR CARS
 2 MULTI LEVEL AUTO RACK - 2 CUSHIONED DRAWBAR CARS
 21 TANK CAR
 6 WORK EQUIPMENT
 15 OTHER CARS - 2 CUSHIONED DRAWBAR CARS
 31 TOTAL CUSHIONED DRAWBAR CARS

 TRAIN LIMITS BETWEEN WX817 AND WX683

TPA LIMIT IS 400, TPA LIMIT DUE TO LOCOMOTIVE FAILURE IS 457
 STANDARD STRENGTH COUPLER LIMIT IS 17500
 HIGH STRENGTH COUPLER LIMIT IS 21000
 TERRITORY CODE OTHER THAN H OR L

 INSPECTION LOCATIONS:

GRERIVER WY WX817 O - CLASS 1

 AIR BRAKE INSPECTIONS:

NAME	LOCATION	ROAD	DATE	TIME:	# CARS:
D. CANAVAN	GRERIVER WY		10/04/18	01:00	086
J. GREENE					

 EOT INSPECTION:

NAME	LOCATION	ROAD	DATE	TIME:	EOT #
D. CANAVAN	GRERIVER WY		10/04/18	01:30	UPRQ065471

 BAD ORDER CAR FORM

CAR INITIAL & NUMBER:

INSPECTING RAILROAD:

NAME & JOB TITLE OF INSPECTOR:

NATURE OF DEFECT:

MOVEMENT RESTRICTIONS:

TO BE REPAIRED AT:

SIGNATURE OF INSPECTOR:

EVENT	CITY/ST	STA/YD	MO-DA-YR-TIME	TIM DIF	LOADS	MTYS	CAR-TONS	TRN-LGTH
CT	GRERIVER	WY WX817	10-04-18-0001					
TD	GRERIVER	WY WX817 +	10-04-18-0229	29"	76	10	9935	5627
PA	EGRERIVER	WY WX814	10-04-18-0230					

PA	ROCSRING	WY	WX802	10-04-18-0335	42"				
PA	BLABUTTES	WY	WX766	10-04-18-0422	20"				
PA	TIPTON	WY	WX740	10-04-18-0459	05"				
TA	WAMSUTTER	WY	WX724	10-04-18-0517	09A	76	10	9935	5627
TD	WAMSUTTER	WY	WX724	10-04-18-0521	1'05A	76	10	9935	5627
PA	CRESTON	WY	WX712	10-04-18-0552	57A				
TA	RAWLINS	WY	WX683	10-04-18-0636	1'09A	76	10	9935	5627
CT	RAWLINS	WY	WX683	10-04-18-0845					
TD	RAWLINS	WY	WX683	10-04-18-0951	16"	76	10	9935	5627
PA	WALCOTT	WY	WX662	10-04-18-1021	03A				
PA	HANNA	WY	WX643	10-04-18-1055	1'16A				
TA	LARAMIE	WY	WX566	10-04-18-1420	58A	76	10	9935	5627
TD	LARAMIE	WY	WX566	10-04-18-1423	2'25A	95	10	12417	6581
PA	HERMOSA	WY	WX548	10-04-18-1835	1'03"				
PA	DALE	WY	WX545	10-04-18-1850	1'13"				
PA	BUFORD	WY	WX537	10-04-18-1920	1'22"				

SCH STATS 95LDS 10MTYS 12417TONS 6581FT

SA	CHEYENNE	WY	WX510	10-04-18-2111		95	10	12417	6581
SS	CHEYENNE	WY	WX510			95	10	12417	6360

CARS LISTED FROM REAR OF TRAIN

TRAIN/JOB-- MGRCY 04 WITH FOLLOWING CARS PA BUFORD WY TIME-- 10/04 1920

TIMETABLE SI-11 AND SI-12 RESTRICTED CARS

NO CARS ON TRAIN ARE ROUTE RESTRICTED FOR THIS SUBDIVISION.

SEQ	EQUIPMT	ID	KND	COMDTY	DESTN	ZTS/CARR	NXBLK	CITY/STATE	CONSIGNEE
BLOCK--	CHEY	WX510			043				
1	TTGX	697111	LM22	MTRVEH	WD650		ROLA	ROLLA	CO GENERA MOT
105	FROM HEAD	70-MPH	68-TONS	94-FT	1-P		1.00-BRK	68-ATONS	94-AFT
			CC	CAR IS MORE THAN 80 FT					
2	UP	211082	LG5U	STEEL	WD659	28-823-55		BRIGHTON	CO ONEAL FLA
104	FROM HEAD	60-MPH	112-TONS	61-FT	1-P		1.00-BRK	180-ATONS	155-AFT
3	UP	210190	LFXF	STEEL	WD659	28-823-55		BRIGHTON	CO ONEAL FLA
103	FROM HEAD	70-MPH	124-TONS	68-FT	1-P		1.00-BRK	304-ATONS	223-AFT
4	UP	210113	LFXF	STEEL	WD659	28-823-55		BRIGHTON	CO ONEAL FLA
102	FROM HEAD	70-MPH	127-TONS	68-FT	1-P		1.00-BRK	431-ATONS	291-AFT
5	EVRX	102	LT12	MAGCHL	WD687	01-714-55	FTCO	LASALLE	CO ENVIRO SER
101	FROM HEAD	60-MPH	124-TONS	43-FT	1-P		1.00-BRK	555-ATONS	334-AFT
			CC	CAR IS LESS THAN 45 FT					
6	AEX	12013	LC5L	SALT	WD700	02-832-55		EATON	CO TRI STA CO
100	FROM HEAD	60-MPH	130-TONS	60-FT	1-P		1.00-BRK	685-ATONS	394-AFT

7	AEX	12091	LC5L SALT	WD700	02-832-55	EATON	CO TRI STA CO
	99	FROM HEAD	60-MPH	130-TONS	60-FT 1-P	1.00-BRK	815-ATONS 454-AFT
8	AEX	12014	LC5L SALT	WD700	02-832-55	EATON	CO TRI STA CO
	98	FROM HEAD	60-MPH	130-TONS	60-FT 1-P	1.00-BRK	945-ATONS 514-AFT
9	GLNX	21023	LT19 MAGCHL	WD687	01-714-55	FTCO	LASALLE CO ENVIRO SER
	97	FROM HEAD	60-MPH	130-TONS	57-FT 1-P	1.00-BRK	1075-ATONS 571-AFT
10	GLNX	5005	LT19 MAGCHL	WD687	01-714-55	FTCO	LASALLE CO ENVIRO SER
	96	FROM HEAD	60-MPH	130-TONS	46-FT 1-P	1.00-BRK	1205-ATONS 617-AFT
11	NATX	73367	LT19 MAGCHL	WD687	01-714-55	FTCO	LASALLE CO ENVIRO SER
	95	FROM HEAD	60-MPH	117-TONS	53-FT 1-P	1.00-BRK	1322-ATONS 670-AFT
12	TAEX	408	LT19 MAGCHL	WD687	01-714-55	FTCO	LASALLE CO ENVIRO SER
	94	FROM HEAD	60-MPH	129-TONS	49-FT 1-P	1.00-BRK	1451-ATONS 719-AFT
13	NATX	81091	LT22 MAGCHL	WD687	01-714-55	FTCO	LASALLE CO ENVIRO SER
	93	FROM HEAD	60-MPH	128-TONS	60-FT 1-P	1.00-BRK	1579-ATONS 779-AFT
14	GLNX	21112	LT19 MAGCHL	WD687	01-714-55	FTCO	LASALLE CO ENVIRO SER
	92	FROM HEAD	60-MPH	127-TONS	57-FT 1-P	1.00-BRK	1706-ATONS 836-AFT
15	EVRX	106	LT12 MAGCHL	WD687	01-714-55	FTCO	LASALLE CO ENVIRO SER
	91	FROM HEAD	60-MPH	124-TONS	43-FT 1-P	1.00-BRK	1830-ATONS 879-AFT
			CC	CAR IS LESS THAN 45 FT			
16	EVRX	108	LT12 MAGCHL	WD687	01-714-55	FTCO	LASALLE CO ENVIRO SER
	90	FROM HEAD	60-MPH	123-TONS	43-FT 1-P	1.00-BRK	1953-ATONS 922-AFT
			CC	CAR IS LESS THAN 45 FT			
17	TAEX	403	LT19 MAGCHL	WD687	01-714-55	FTCO	LASALLE CO ENVIRO SER
	89	FROM HEAD	60-MPH	128-TONS	47-FT 1-P	1.00-BRK	2081-ATONS 969-AFT
18	EVRX	115	LT12 MAGCHL	WD687	01-714-55	FTCO	LASALLE CO ENVIRO SER
	88	FROM HEAD	60-MPH	121-TONS	43-FT 1-P	1.00-BRK	2202-ATONS 1012-AFT
			CC	CAR IS LESS THAN 45 FT			
19	EVRX	408	LT19 MAGCHL	WD687	01-714-55	FTCO	LASALLE CO ENVIRO SER
	87	FROM HEAD	60-MPH	117-TONS	55-FT 1-P	1.00-BRK	2319-ATONS 1067-AFT
20	TAEX	2523	LT12 MAGCHL	WD687	01-714-55	FTCO	LASALLE CO ENVIRO SER
	86	FROM HEAD	60-MPH	124-TONS	44-FT 1-P	1.00-BRK	2443-ATONS 1111-AFT
			CC	CAR IS LESS THAN 45 FT			
21	TYOX	409	EG6K A	WX594	02-105-00	INDU	LOOKOUT WY DTM
	85	FROM HEAD	60-MPH	29-TONS	66-FT 1-P	1.00-BRK	2472-ATONS 1177-AFT
22	FDDM	200084	LFLG LUMBER	WD692	GWR	GWRR	LOVELAND CO ALLWEA WOO
	84	FROM HEAD	50-MPH	105-TONS	80-FT 1-P	1.00-BRK	2577-ATONS 1257-AFT
23	INTX	47119	LC4T SALT	WD700	02-832-55	EATON	CO TRI STA CO
	83	FROM HEAD	60-MPH	131-TONS	55-FT 1-P	1.00-BRK	2708-ATONS 1312-AFT
24	UP	96137	EG6C A	NZ110	05-735-55	NPLT	STERLING IL STERLI STE
	82	FROM HEAD	60-MPH	38-TONS	72-FT 1-P	1.00-BRK	2746-ATONS 1384-AFT
25	UP	96304	EG6C A	NZ110	05-735-55	NPLT	STERLING IL STERLI STE
	81	FROM HEAD	60-MPH	38-TONS	72-FT 1-P	1.00-BRK	2784-ATONS 1456-AFT
26	PROX	105051	LT32 APOISN	WX515	01-802-55	WYC	WYCON WY DYNO NOBEL

80 FROM HEAD 60-MPH 143-TONS 68-FT 1-P 1.00-BRK 2927-ATONS 1524-AFT
RAIL SECURITY SENSITIVE MATERIAL
FLAT YARD - DO NOT KICK

1/TC, 69470/KG

UN1005

* DANGEROUS *

ANHYDROUS AMMONIA

2.3 (8)

EMERGENCY CONTACT:

RQ (AMMONIA)

8007928311

POISON-INHALATION HAZARD

ZONE D

ERP 2-1451

8007928311

MARINE POLLUTANT

(AMMONIA, ANHYDROUS)

AGRIUM CANADA PARTNERSHIP

13131 LAKE FRASER DR SE

CALGARY AB T2J7E

SHIPPER CONTACT

AGRIUM EOC

HAZMAT STCC = 4920359

SI11/12 RESTRICTION 143 TONS

27 SOO 601077 LFLG LUMBER WD652 28-861-55 ROLM HAZELTINECO JM THO FOR

79 FROM HEAD 60-MPH 132-TONS 81-FT 1-P 1.00-BRK 3059-ATONS 1605-AFT
CC CAR IS MORE THAN 80 FT

28 TTZX 861995 LFLG FENCNG WD650 28-887-55 ROLM ROLLA CO LOWES FLA

78 FROM HEAD 60-MPH 128-TONS 80-FT 1-P 1.00-BRK 3187-ATONS 1685-AFT

29 NOKL 734467 LFLG LUMBER WD650 28-887-55 ROLM ROLLA CO LOWES FLA

77 FROM HEAD 60-MPH 115-TONS 81-FT 1-P 1.00-BRK 3302-ATONS 1766-AFT

CC CAR IS MORE THAN 80 FT

M 30 TILX 190045 LT28 PETRO WD650 ROLM ROLLA CO MESA OIL L

76 FROM HEAD 60-MPH 124-TONS 66-FT 1-P 1.00-BRK 3426-ATONS 1832-AFT

BLOCK TOTALS 27 LOADS 3 MTYS 3426 G-TONS 1832 FEET

BLOCK-- DENV WX510 043

31 PROX 61382 ET12 WD645 06-715-55 COMCITY CO SUNCOR ENE

75 FROM HEAD 50-MPH 33-TONS 46-FT 1-P 1.00-BRK 3459-ATONS 1878-AFT

1/TK

RESIDUE: LAST CONTAINED

*

NA2448

SULFUR, MOLTEN

EMERGENCY CONTACT:

9

1-800-424-9300

PG III

SHIPPER CONTACT

CCN21423

HAZMAT STCC = 4945770

32	AEX	9563	LC4T	AGRCHM	KP365	42-718-55	GRINNELL KS FRONTI	AG
	74	FROM HEAD	60-MPH	131-TONS	60-FT	1-P	1.00-BRK 3590-ATONS	1938-AFT
33	PLCX	27338	LC4T	AGRCHM	KP365	42-718-55	GRINNELL KS FRONTI	AG
	73	FROM HEAD	60-MPH	131-TONS	59-FT	1-P	1.00-BRK 3721-ATONS	1997-AFT
34	TILX	516630	LC5T	AGRCHM	KP365	42-718-55	GRINNELL KS FRONTI	AG
	72	FROM HEAD	60-MPH	143-TONS	61-FT	1-P	1.00-BRK 3864-ATONS	2058-AFT
35	AEX	15175	LC4T	AGRCHM	KP365	42-718-55	GRINNELL KS FRONTI	AG
	71	FROM HEAD	60-MPH	131-TONS	58-FT	1-P	1.00-BRK 3995-ATONS	2116-AFT
36	NAHX	65631	LC4T	AGRCHM	KP365	42-718-55	GRINNELL KS FRONTI	AG
	70	FROM HEAD	60-MPH	131-TONS	60-FT	1-P	1.00-BRK 4126-ATONS	2176-AFT
37	NAHX	11013	LC4T	AGRCHM	KP365	42-718-55	GRINNELL KS FRONTI	AG
	69	FROM HEAD	60-MPH	131-TONS	60-FT	1-P	1.00-BRK 4257-ATONS	2236-AFT
38	PTLX	17384	LC4T	AGRCHM	KP365	42-718-55	GRINNELL KS FRONTI	AG
	68	FROM HEAD	60-MPH	131-TONS	60-FT	1-P	1.00-BRK 4388-ATONS	2296-AFT
39	AEX	9379	LC4T	AGRCHM	KP365	42-718-55	GRINNELL KS FRONTI	AG
	67	FROM HEAD	60-MPH	131-TONS	60-FT	1-P	1.00-BRK 4519-ATONS	2356-AFT
40	PTLX	17351	LC4T	AGRCHM	KP365	42-718-55	GRINNELL KS FRONTI	AG
	66	FROM HEAD	60-MPH	131-TONS	60-FT	1-P	1.00-BRK 4650-ATONS	2416-AFT
41	UP	273705	LFLG	LUMBER	KP633	09-768-55	ROYDALE CO BLUELINX	
	65	FROM HEAD	60-MPH	108-TONS	80-FT	1-P	1.00-BRK 4758-ATONS	2496-AFT
42	TTGX	691250	LM22	MTRVEH	KP633	14-702-00	ROYDALE CO MANHEI	DEN
	64	FROM HEAD	70-MPH	69-TONS	94-FT	1-P	1.00-BRK 4827-ATONS	2590-AFT
							CC CAR IS MORE THAN 80 FT	
43	TBOX	668161	LD6C	CNGOOD	WD640		DENVER CO ACME DIS	4
	63	FROM HEAD	60-MPH	137-TONS	68-FT	1-P	1.00-BRK 4964-ATONS	2658-AFT
44	TBOX	639096	LD6C	BOARDS	KP633	11-722-55	ROYDALE CO PREMIE	EUR
	62	FROM HEAD	60-MPH	140-TONS	68-FT	1-P	1.00-BRK 5104-ATONS	2726-AFT
45	TBOX	667994	LD6C	BOARDS	KP633	11-722-55	ROYDALE CO PREMIE	EUR
	61	FROM HEAD	60-MPH	140-TONS	68-FT	1-P	1.00-BRK 5244-ATONS	2794-AFT
46	TBOX	889467	LD6C	BOARDS	WD640	08-712-55	DENVER CO NATION	WOO
	60	FROM HEAD	60-MPH	139-TONS	68-FT	1-P	1.00-BRK 5383-ATONS	2862-AFT
47	TBOX	665055	LD6C	BOARDS	KP633	11-722-55	ROYDALE CO PREMIE	EUR
	59	FROM HEAD	60-MPH	139-TONS	68-FT	1-P	1.00-BRK 5522-ATONS	2930-AFT
48	UP	95179	LC3L	AGGRTE	WD640		DENVER CO UNITED	WES
	58	FROM HEAD	60-MPH	141-TONS	42-FT	1-P	1.00-BRK 5663-ATONS	2972-AFT
							CC CAR IS LESS THAN 45 FT	
BLOCK TOTALS		17 LOADS		1 MTYS		2237 G-TONS		1140 FEET
BLOCK--	BNSF	WX510				043		
49	PROX	12240	LT12	CORSVE	WD640	BNSF	BNSF BRUNSWICKNE	HELENA AGR
	57	FROM HEAD	60-MPH	131-TONS	46-FT	1-P	1.00-BRK 5794-ATONS	3018-AFT

1/CL, 1/LB

UN1805

* DANGEROUS *

EMERGENCY CONTACT:
800-424-9300
PHOSPHORIC ACID SOLUTION
8
PG III
RQ (PHOSPHORIC ACID)
SHIPPER CONTACT
ITAFOS CONDA LLC
HAZMAT STCC = 4930247
50 UTLX 24979 LT12 CORSVE WD640 BNSF BNSF BRUNSWICKNE HELENA AGR
56 FROM HEAD 60-MPH 130-TONS 42-FT 1-P 1.00-BRK 5924-ATONS 3060-AFT
CC CAR IS LESS THAN 45 FT

1/CL, 1/LB

UN1805
* DANGEROUS *

EMERGENCY CONTACT:
800-424-9300
PHOSPHORIC ACID SOLUTION
8
PG III
RQ (PHOSPHORIC ACID)
SHIPPER CONTACT
ITAFOS CONDA LLC
HAZMAT STCC = 4930247
51 UTLX 110033 LT12 CORSVE WD640 BNSF BNSF BRUNSWICKNE HELENA AGR
55 FROM HEAD 60-MPH 130-TONS 43-FT 1-P 1.00-BRK 6054-ATONS 3103-AFT
CC CAR IS LESS THAN 45 FT

1/CL, 1/LB

UN1805
* DANGEROUS *

EMERGENCY CONTACT:
800-424-9300
PHOSPHORIC ACID SOLUTION
8
PG III
RQ (PHOSPHORIC ACID)
SHIPPER CONTACT
ITAFOS CONDA LLC
HAZMAT STCC = 4930247
52 UP 76100 LC4T WDCHEM WD640 BNSF BNSF WAC NE NUTRIE AG
54 FROM HEAD 60-MPH 130-TONS 56-FT 1-P 1.00-BRK 6184-ATONS 3159-AFT
53 UP 76808 LC4T WDCHEM WD640 BNSF BNSF WAC NE NUTRIE AG
53 FROM HEAD 60-MPH 130-TONS 60-FT 1-P 1.00-BRK 6314-ATONS 3219-AFT
54 UP 79323 LC4T WDCHEM WD640 BNSF BNSF WAC NE NUTRIE AG
52 FROM HEAD 60-MPH 131-TONS 60-FT 1-P 1.00-BRK 6445-ATONS 3279-AFT
55 JRSX 11149 LT12 CORSVE WD640 BNSF BNSF CULBERTSONE KUGLER
51 FROM HEAD 60-MPH 141-TONS 48-FT 1-P 1.00-BRK 6586-ATONS 3327-AFT

1/CL, 217850/LB

UN1805
* DANGEROUS *

PHOSPHORIC ACID SOLUTION
8

EMERGENCY CONTACT:

8004249300

PG III
RQ (PHOSPHORIC ACID)
TN=(SUPERPHOSPHORIC ACID
0-68-0)
SHIPPER CONTACT
CCN12097
HAZMAT STCC = 4930247

SI11/12 RESTRICTION 143 TONS

56 TTZX 86078 LFLF STRUWD WD640 BNSF BNSF IRONDALE CO CAST TRANS
50 FROM HEAD 50-MPH 97-TONS 68-FT 1-P 1.00-BRK 6683-ATONS 3395-AFT
57 JRSX 10234 LT12 CORSVE WD640 BNSF BNSF GRANT NE HI LIN COO
49 FROM HEAD 60-MPH 131-TONS 47-FT 1-P 1.00-BRK 6814-ATONS 3442-AFT

1/CL, 197750/LB

* DANGEROUS *

UN1805
PHOSPHORIC ACID SOLUTION
8

EMERGENCY CONTACT:

8004249300

PG III
RQ (PHOSPHORIC ACID)
TN=(SUPERPHOSPHORIC ACID
0-68-0)
SHIPPER CONTACT
CCN12097
HAZMAT STCC = 4930247

BLOCK TOTALS 9 LOADS 0 MTYS 1151 G-TONS 470 FEET

BLOCK-- NYRD WX510 043

58 SSW 87541 LFBF STEEL WD509 01-790-55 NYRD SOUJCT CO VESTAS TOW
48 FROM HEAD 50-MPH 128-TONS 71-FT 1-P 1.00-BRK 6942-ATONS 3513-AFT
59 TTPX 80791 LFBF STEEL WD509 01-790-55 NYRD SOUJCT CO VESTAS TOW
47 FROM HEAD 50-MPH 126-TONS 74-FT 1-P 1.00-BRK 7068-ATONS 3587-AFT
60 TTPX 804787 LFBF STEEL WD509 01-790-55 NYRD SOUJCT CO VESTAS TOW
46 FROM HEAD 50-MPH 135-TONS 74-FT 1-P 1.00-BRK 7203-ATONS 3661-AFT
61 SSW 87883 LFBF STEEL WD509 01-790-55 NYRD SOUJCT CO VESTAS TOW
45 FROM HEAD 50-MPH 128-TONS 71-FT 1-P 1.00-BRK 7331-ATONS 3732-AFT
62 TTPX 81727 LFBF STEEL WD509 01-790-55 NYRD SOUJCT CO VESTAS TOW
44 FROM HEAD 50-MPH 127-TONS 74-FT 1-P 1.00-BRK 7458-ATONS 3806-AFT
63 CEFX 13923 LC5T SODASH KP643 NYRD NYARD CO MOUNTA REL
43 FROM HEAD 60-MPH 141-TONS 61-FT 1-P 1.00-BRK 7599-ATONS 3867-AFT
64 SMNX 1104 LC4L SODASH KP898 NYRD GRAJUNCTICO SOLVAY CHE
42 FROM HEAD 60-MPH 141-TONS 55-FT 1-P 1.00-BRK 7740-ATONS 3922-AFT
65 UP 99245 EC5T KP643 30-721-55 NYRD DENVER CO COMMER CIT
41 FROM HEAD 60-MPH 30-TONS 56-FT 1-P 1.00-BRK 7770-ATONS 3978-AFT
M 66 UP 93300 EC5T KP643 NYRD NYARD CO AGENT
40 FROM HEAD 60-MPH 31-TONS 58-FT 1-P 1.00-BRK 7801-ATONS 4036-AFT

LAST CONTAINED 0113215- CORN

67 MP 722458 EC4T B KP643 30-721-55 NYRD DENVER CO COMMER CIT
39 FROM HEAD 60-MPH 31-TONS 60-FT 1-P 1.00-BRK 7832-ATONS 4096-AFT
M 68 SCFX 840297 EC5T KP643 NYRD NYARD CO AGENT
38 FROM HEAD 60-MPH 31-TONS 59-FT 1-P 1.00-BRK 7863-ATONS 4155-AFT

LAST CONTAINED 0113215- CORN

69 CMO 20844 EC5T KP643 30-721-55 NYRD DENVER CO COMMER CIT
37 FROM HEAD 60-MPH 31-TONS 60-FT 1-P 1.00-BRK 7894-ATONS 4215-AFT
M 70 CHTT 721037 EC5T KP643 NYRD NYARD CO AGENT
36 FROM HEAD 60-MPH 32-TONS 61-FT 1-P 1.00-BRK 7926-ATONS 4276-AFT

LAST CONTAINED 2042142- FEED

71 TBOX 671821 LD6C BOARDS KP643 DRIR DELY NYRD DENVER CO BOISE CAS
35 FROM HEAD 60-MPH 140-TONS 68-FT 1-P 1.00-BRK 8066-ATONS 4344-AFT
72 UP 217037 LFLF STRUWD KP643 DRIR DELY NYRD DENVER CO CAPITA LBR
34 FROM HEAD 50-MPH 109-TONS 67-FT 1-P 1.00-BRK 8175-ATONS 4411-AFT
73 TTZX 84126 LFLG LUMBER WD567 34-727-55 NYRD ROSWELL CO FOXWOR GAL
33 FROM HEAD 60-MPH 111-TONS 80-FT 1-P 1.00-BRK 8286-ATONS 4491-AFT
74 TTZX 857296 LFLG LUMBER WD631 32-743-55 NYRD ENGLEWOODCO BLUELINX
32 FROM HEAD 60-MPH 117-TONS 81-FT 1-P 1.00-BRK 8403-ATONS 4572-AFT
CC CAR IS MORE THAN 80 FT

75 LW 74472 LFLG LUMBER KP643 DRIR DELY NYRD DENVER CO CAPITA LBR
31 FROM HEAD 60-MPH 110-TONS 80-FT 1-P 1.00-BRK 8513-ATONS 4652-AFT
76 MP 956055 LG5L IORSPD WD510 CW DELY NYRD MINNEQUA CO CFI 2100
30 FROM HEAD 60-MPH 126-TONS 59-FT 1-P 1.00-BRK 8639-ATONS 4711-AFT
77 BNSF 559361 LFLF STRUWD KP643 DRIR DELY NYRD DENVER CO SNAVEL FOR
29 FROM HEAD 50-MPH 93-TONS 68-FT 1-P 1.00-BRK 8732-ATONS 4779-AFT
78 BNSF 559033 LFLF STRUWD KP643 DRIR DELY NYRD DENVER CO SNAVEL FOR
28 FROM HEAD 50-MPH 113-TONS 68-FT 1-P 1.00-BRK 8845-ATONS 4847-AFT
79 GNTX 295656 LG6C IORSPD WD510 CW DELY NYRD MINNEQUA CO CFI 2100
27 FROM HEAD 60-MPH 137-TONS 71-FT 1-P 1.00-BRK 8982-ATONS 4918-AFT
80 MP 642115 LG5L IORSPD WD510 CW DELY NYRD MINNEQUA CO CFI 2100
26 FROM HEAD 60-MPH 130-TONS 58-FT 1-P 1.00-BRK 9112-ATONS 4976-AFT
81 GNTX 295518 LG6C IORSPD WD510 CW DELY NYRD MINNEQUA CO CFI 2100
25 FROM HEAD 60-MPH 141-TONS 71-FT 1-P 1.00-BRK 9253-ATONS 5047-AFT
82 UP 96250 LG6C IORSPD WD510 CW DELY NYRD MINNEQUA CO CFI 2100
24 FROM HEAD 60-MPH 141-TONS 72-FT 1-P 1.00-BRK 9394-ATONS 5119-AFT
83 CHTT 360171 LG6L IORSPD WD510 CW DELY NYRD MINNEQUA CO CFI 2100
23 FROM HEAD 60-MPH 141-TONS 71-FT 1-P 1.00-BRK 9535-ATONS 5190-AFT
84 GNTX 295964 LG6C IORSPD WD510 CW DELY NYRD MINNEQUA CO CFI 2100
22 FROM HEAD 60-MPH 141-TONS 71-FT 1-P 1.00-BRK 9676-ATONS 5261-AFT
85 TTPX 811254 LFBF STEEL WD509 01-790-55 NYRD SOUJCT CO VESTAS TOW
21 FROM HEAD 50-MPH 135-TONS 74-FT 1-P 1.00-BRK 9811-ATONS 5335-AFT
86 SSW 87597 LFBF STEEL WD509 01-790-55 NYRD SOUJCT CO VESTAS TOW

20	FROM HEAD	50-MPH	124-TONS	71-FT	1-P	1.00-BRK	9935-ATONS	5406-AFT
BLOCK TOTALS		23 LOADS	6 MTYS	3121 G-TONS		1964 FEET		
BLOCK-- DENV		WX510		043				
87	CRDX	9958	LC3L CLINKR	WD640	05-705-55	DENVER	CO MOUNTA	CEM
19	FROM HEAD	60-MPH	141-TONS	42-FT	1-P	1.00-BRK10076	-ATONS	5448-AFT
		CC	CAR IS LESS THAN 45 FT					
88	CRDX	20155	LC3L CLINKR	WD640	05-705-55	DENVER	CO MOUNTA	CEM
18	FROM HEAD	60-MPH	140-TONS	42-FT	1-P	1.00-BRK10216	-ATONS	5490-AFT
		CC	CAR IS LESS THAN 45 FT					
89	NVCX	9604	LC3L CLINKR	WD640	05-705-55	DENVER	CO MOUNTA	CEM
17	FROM HEAD	60-MPH	141-TONS	42-FT	1-P	1.00-BRK10357	-ATONS	5532-AFT
		CC	CAR IS LESS THAN 45 FT					
90	CRDX	9906	LC3L CLINKR	WD640	05-705-55	DENVER	CO MOUNTA	CEM
16	FROM HEAD	60-MPH	140-TONS	42-FT	1-P	1.00-BRK10497	-ATONS	5574-AFT
		CC	CAR IS LESS THAN 45 FT					
91	NVCX	9615	LC3L CLINKR	WD640	05-705-55	DENVER	CO MOUNTA	CEM
15	FROM HEAD	60-MPH	141-TONS	42-FT	1-P	1.00-BRK10638	-ATONS	5616-AFT
		CC	CAR IS LESS THAN 45 FT					
92	NVCX	9570	LC3L CLINKR	WD640	05-705-55	DENVER	CO MOUNTA	CEM
14	FROM HEAD	60-MPH	141-TONS	42-FT	1-P	1.00-BRK10779	-ATONS	5658-AFT
		CC	CAR IS LESS THAN 45 FT					
93	NVCX	9609	LC3L CLINKR	WD640	05-705-55	DENVER	CO MOUNTA	CEM
13	FROM HEAD	60-MPH	140-TONS	42-FT	1-P	1.00-BRK10919	-ATONS	5700-AFT
		CC	CAR IS LESS THAN 45 FT					
94	NVCX	9610	LC3L CLINKR	WD640	05-705-55	DENVER	CO MOUNTA	CEM
12	FROM HEAD	60-MPH	140-TONS	42-FT	1-P	1.00-BRK11059	-ATONS	5742-AFT
		CC	CAR IS LESS THAN 45 FT					
95	NVCX	9576	LC3L CLINKR	WD640	05-705-55	DENVER	CO MOUNTA	CEM
11	FROM HEAD	60-MPH	139-TONS	42-FT	1-P	1.00-BRK11198	-ATONS	5784-AFT
		CC	CAR IS LESS THAN 45 FT					
BLOCK TOTALS		9 LOADS	0 MTYS	1263 G-TONS		378 FEET		
BLOCK-- CHE1		WX510		043				
96	SP	338070	LYX RAIL	NX147	01-155-00	NPLT	GRAISLANDNE	WRECKER
10	FROM HEAD	50-MPH	122-TONS	57-FT	1-P	1.00-BRK11320	-ATONS	5841-AFT
		UP-08667849						
97	SP	323155	LYX RAIL	NX147	01-155-00	NPLT	GRAISLANDNE	WRECKER
9	FROM HEAD	50-MPH	122-TONS	57-FT	1-P	1.00-BRK11442	-ATONS	5898-AFT
		UP-08667849						
98	UP	32614	LYG2 RAIL	NX147	01-155-00	NPLT	GRAISLANDNE	WRECKER
8	FROM HEAD	50-MPH	122-TONS	59-FT	1-P	1.00-BRK11564	-ATONS	5957-AFT
		UP-08667849						
99	MP	641611	LYX RAIL	NX147	01-155-00	NPLT	GRAISLANDNE	WRECKER
7	FROM HEAD	50-MPH	122-TONS	58-FT	1-P	1.00-BRK11686	-ATONS	6015-AFT

UP-08667849

100 SP 337985 LYG2 RAIL NX147 01-155-00 NPLT GRAISLANDNE WRECKER
6 FROM HEAD 50-MPH 121-TONS 57-FT 1-P 1.00-BRK11807-ATONS 6072-AFT

UP-08667849

101 DRGW 56125 LYX RAIL NX147 01-155-00 NPLT GRAISLANDNE WRECKER
5 FROM HEAD 50-MPH 122-TONS 57-FT 1-P 1.00-BRK11929-ATONS 6129-AFT

UP-08667849

102 MKT 16371 LYG5 RAIL NX147 01-155-00 NPLT GRAISLANDNE WRECKER
4 FROM HEAD 50-MPH 122-TONS 57-FT 1-P 1.00-BRK12051-ATONS 6186-AFT

UP-08667849

103 SP 338132 LYX RAIL NX147 01-155-00 NPLT GRAISLANDNE WRECKER
3 FROM HEAD 50-MPH 122-TONS 57-FT 1-P 1.00-BRK12173-ATONS 6243-AFT

UP-08667849

104 CNW 340001 LYX RAIL NX147 01-155-00 NPLT GRAISLANDNE WRECKER
2 FROM HEAD 50-MPH 122-TONS 58-FT 1-P 1.00-BRK12295-ATONS 6301-AFT

UP-08667849

105 SP 338282 LYG1 RAIL NX147 01-155-00 NPLT GRAISLANDNE WRECKER
1 FROM HEAD 50-MPH 122-TONS 59-FT 1-P 1.00-BRK12417-ATONS 6360-AFT

UP-08667849

BLOCK TOTALS 10 LOADS 0 MTYS 1219 G-TONS 576 FEET
CAR-TOTALS 95 LOADS 10 MTYS 12417 G-TONS 6360 FEET 8902 N-TONS

POWER BLOCK

UP 005003

UP 005842

UP 005412

H A Z A R D O U S M A T E R I A L R E S P O N S E I N F O R M A T I O N

TRAIN-- MGRCY 04
026 FROM CAB/EOT PROX105051 L 080 FROM HEAD

COMMODITY NUMBER IS 4920359
AMMONIA, ANHYDROUS
DIVISION 2.3 (POISONOUS GAS)
UN1005
ENVIRONMENTALLY HAZARDOUS SUBSTANCE (RQ-
100 POUNDS (45.4 KILOGRAMS))

PLEASE REFER TO THE APPROPRIATE ERG GUIDE FOR MORE INFORMATION.

POTENTIAL HAZARDS

HEALTH

TOXIC; MAY BE FATAL IF INHALED, INGESTED OR ABSORBED THROUGH SKIN.
VAPORS ARE EXTREMELY IRRITATING AND CORROSIVE.

CONTACT WITH GAS OR LIQUEFIED GAS MAY CAUSE BURNS, SEVERE INJURY AND/OR FROSTBITE.

FIRE WILL PRODUCE IRRITATING, CORROSIVE AND/OR TOXIC GASES.

RUNOFF FROM FIRE CONTROL MAY CAUSE POLLUTION.

FIRE OR EXPLOSION

SOME MAY BURN BUT NONE IGNITE READILY.

VAPORS FROM LIQUEFIED GAS ARE INITIALLY HEAVIER THAN AIR AND SPREAD ALONG GROUND.

SOME OF THESE MATERIALS MAY REACT VIOLENTLY WITH WATER.

CYLINDERS EXPOSED TO FIRE MAY VENT AND RELEASE TOXIC AND/OR CORROSIVE GAS THROUGH PRESSURE RELIEF DEVICES.

CONTAINERS MAY EXPLODE WHEN HEATED.

RUPTURED CYLINDERS MAY ROCKET.

FOR UN1005: ANHYDROUS AMMONIA, AT HIGH CONCENTRATIONS IN CONFINED SPACES, PRESENTS A FLAMMABILITY RISK IF A SOURCE OF IGNITION IS INTRODUCED

PUBLIC SAFETY

CALL EMERGENCY RESPONSE TELEPHONE NUMBER ON SHIPPING PAPER FIRST. IF SHIPPING

PAPER NOT AVAILABLE OR NO ANSWER, REFER TO APPROPRIATE TELEPHONE NUMBER LISTED ON THE INSIDE BACK COVER OF THE DOT EMERGENCY RESPONSE GUIDEBOOK. AS AN IMMEDIATE PRECAUTIONARY MEASURE, ISOLATE SPILL OR LEAK AREA FOR AT LEAST 100 METERS (330 FEET) IN ALL DIRECTIONS.

KEEP UNAUTHORIZED PERSONNEL AWAY.

STAY UPWIND, UPHILL AND/OR UPSTREAM.

MANY GASES ARE HEAVIER THAN AIR AND WILL SPREAD ALONG GROUND AND COLLECT IN

LOW OR CONFINED AREAS (SEWERS, BASEMENTS, TANKS).

VENTILATE CLOSED SPACES BEFORE ENTERING.

PROTECTIVE CLOTHING

WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA).

WEAR CHEMICAL PROTECTIVE CLOTHING THAT IS SPECIFICALLY RECOMMENDED BY THE MANUFACTURER. IT MAY PROVIDE LITTLE OR NO THERMAL PROTECTION.

STRUCTURAL FIREFIGHTERS' PROTECTIVE CLOTHING PROVIDES LIMITED PROTECTION IN

FIRE SITUATIONS ONLY; IT IS NOT EFFECTIVE IN SPILL SITUATIONS WHERE DIRECT

CONTACT WITH THE SUBSTANCE IS POSSIBLE.

EVACUATION

SPILL

SEE TABLE 1 OF THE DOT EMERGENCY RESPONSE GUIDEBOOK - INITIAL ISOLATION AND

PROTECTIVE ACTION DISTANCES FOR HIGHLIGHTED MATERIALS. FOR NON-HIGHLIGHTED

MATERIALS, INCREASE, IN THE DOWNWIND DIRECTION, AS NECESSARY, THE ISOLATION DISTANCE SHOWN UNDER "PUBLIC SAFETY".

FIRE

IF TANK, RAIL CAR OR TANK TRUCK IS INVOLVED IN A FIRE, ISOLATE FOR 1600 METERS (1 MILE) IN ALL DIRECTIONS; ALSO, CONSIDER INITIAL EVACUATION FOR 1600 METERS (1 MILE) IN ALL DIRECTIONS.

EMERGENCY RESPONSE

FIRE

SMALL FIRE

DRY CHEMICAL OR CO2.

LARGE FIRE

WATER SPRAY, FOG OR REGULAR FOAM.

MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK.

DO NOT GET WATER INSIDE CONTAINERS.

DAMAGED CYLINDERS SHOULD BE HANDLED ONLY BY SPECIALISTS.

FIRE INVOLVING TANKS

FIGHT FIRE FROM MAXIMUM DISTANCE OR USE UNMANNED HOSE HOLDERS OR MONITOR NOZZLES.

COOL CONTAINERS WITH FLOODING QUANTITIES OF WATER UNTIL WELL AFTER FIRE IS OUT.

DO NOT DIRECT WATER AT SOURCE OF LEAK OR SAFETY DEVICES; ICING MAY OCCUR.

WITHDRAW IMMEDIATELY IN CASE OF RISING SOUND FROM VENTING SAFETY DEVICES OR

DISCOLORATION OF TANK.

ALWAYS STAY AWAY FROM TANKS ENGULFED IN FIRE.

SPILL OR LEAK

FULLY ENCAPSULATING, VAPOR-PROTECTIVE CLOTHING SHOULD BE WORN FOR SPILLS AND

LEAKS WITH NO FIRE.

DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL.

STOP LEAK IF YOU CAN DO IT WITHOUT RISK.

IF POSSIBLE, TURN LEAKING CONTAINERS SO THAT GAS ESCAPES RATHER THAN LIQUID.

PREVENT ENTRY INTO WATERWAYS, SEWERS, BASEMENTS OR CONFINED AREAS.

DO NOT DIRECT WATER AT SPILL OR SOURCE OF LEAK.

USE WATER SPRAY TO REDUCE VAPORS OR DIVERT VAPOR CLOUD DRIFT. AVOID ALLOWING

WATER RUNOFF TO CONTACT SPILLED MATERIAL.

ISOLATE AREA UNTIL GAS HAS DISPERSED.

FIRST AID

ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF THE MATERIAL(S) INVOLVED AND TAKE

PRECAUTIONS TO PROTECT THEMSELVES.

MOVE VICTIM TO FRESH AIR.

CALL 911 OR EMERGENCY MEDICAL SERVICE.

GIVE ARTIFICIAL RESPIRATION IF VICTIM IS NOT BREATHING.

DO NOT USE MOUTH-TO-MOUTH METHOD IF VICTIM INGESTED OR INHALED THE
SUBSTANCE;

GIVE ARTIFICIAL RESPIRATION WITH THE AID OF A POCKET MASK EQUIPPED WITH
A

ONE-WAY VALVE OR OTHER PROPER RESPIRATORY MEDICAL DEVICE.

ADMINISTER OXYGEN IF BREATHING IS DIFFICULT.

REMOVE AND ISOLATE CONTAMINATED CLOTHING AND SHOES.

IN CASE OF CONTACT WITH LIQUEFIED GAS, THAW FROSTED PARTS WITH LUKEWARM
WATER.

IN CASE OF CONTACT WITH SUBSTANCE, IMMEDIATELY FLUSH SKIN OR EYES WITH
RUNNING WATER FOR AT LEAST 20 MINUTES.

IN CASE OF CONTACT WITH HYDROGEN FLUORIDE, ANHYDROUS (UN1052), FLUSH WITH
LARGE AMOUNTS OF WATER. FOR SKIN CONTACT, IF CALCIUM GLUCONATE GEL IS
AVAILABLE, RINSE 5 MINUTES, THEN APPLY GEL. OTHERWISE, CONTINUE RINSING
UNTIL MEDICAL TREATMENT IS AVAILABLE. FOR EYES, FLUSH WITH WATER OR A
SALINE SOLUTION FOR 15 MINUTES.

KEEP VICTIM CALM AND WARM.

KEEP VICTIM UNDER OBSERVATION.

EFFECTS OF CONTACT OR INHALATION MAY BE DELAYED.

031 FROM CAB/EOT PROX061382 E 075 FROM HEAD

COMMODITY NUMBER IS 4945770

SULFUR, MOLTEN

CLASS 9 (MISCELLANEOUS HAZARDOUS
MATERIAL)

NA2448

PLEASE REFER TO THE APPROPRIATE ERG GUIDE FOR MORE INFORMATION.

POTENTIAL HAZARDS

FIRE OR EXPLOSION

FLAMMABLE/COMBUSTIBLE MATERIAL.

MAY BE IGNITED BY FRICTION, HEAT, SPARKS OR FLAMES.

SOME MAY BURN RAPIDLY WITH FLARE-BURNING EFFECT.

POWDERS, DUSTS, SHAVINGS, BORINGS, TURNINGS OR CUTTINGS MAY EXPLODE OR
BURN

WITH EXPLOSIVE VIOLENCE.

SUBSTANCE MAY BE TRANSPORTED IN A MOLTEN FORM AT A TEMPERATURE THAT MAY BE
ABOVE ITS FLASH POINT.

MAY RE-IGNITE AFTER FIRE IS EXTINGUISHED.

HEALTH

FIRE MAY PRODUCE IRRITATING AND/OR TOXIC GASES.

CONTACT MAY CAUSE BURNS TO SKIN AND EYES.

CONTACT WITH MOLTEN SUBSTANCE MAY CAUSE SEVERE BURNS TO SKIN AND EYES.

RUNOFF FROM FIRE CONTROL MAY CAUSE POLLUTION.

PUBLIC SAFETY

CALL EMERGENCY RESPONSE TELEPHONE NUMBER ON SHIPPING PAPER FIRST. IF

SHIPPING

PAPER NOT AVAILABLE OR NO ANSWER, REFER TO APPROPRIATE TELEPHONE NUMBER LISTED ON THE INSIDE BACK COVER OF THE DOT EMERGENCY RESPONSE GUIDEBOOK.

AS AN IMMEDIATE PRECAUTIONARY MEASURE, ISOLATE SPILL OR LEAK AREA FOR AT LEAST 25 METERS (75 FEET) IN ALL DIRECTIONS.

KEEP UNAUTHORIZED PERSONNEL AWAY.

STAY UPWIND, UPHILL AND/OR UPSTREAM.

PROTECTIVE CLOTHING

WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA).

STRUCTURAL FIREFIGHTERS' PROTECTIVE CLOTHING WILL ONLY PROVIDE LIMITED PROTECTION.

EVACUATION

LARGE SPILL

CONSIDER INITIAL DOWNWIND EVACUATION FOR AT LEAST 100 METERS (330 FEET).

FIRE

IF TANK, RAIL CAR OR TANK TRUCK IS INVOLVED IN A FIRE, ISOLATE FOR 800 METERS

(1/2 MILE) IN ALL DIRECTIONS; ALSO, CONSIDER INITIAL EVACUATION FOR 800 METERS (1/2 MILE) IN ALL DIRECTIONS.

EMERGENCY RESPONSE

FIRE

SMALL FIRE

DRY CHEMICAL, CO₂, SAND, EARTH, WATER SPRAY OR REGULAR FOAM.

LARGE FIRE

WATER SPRAY, FOG OR REGULAR FOAM.

MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK.

FIRE INVOLVING METAL PIGMENTS OR PASTES (E.G. "ALUMINUM PASTE")

ALUMINUM PASTE FIRES SHOULD BE TREATED AS A COMBUSTIBLE METAL FIRE. USE DRY

SAND, GRAPHITE POWDER, DRY SODIUM CHLORIDE-BASED EXTINGUISHERS, G-1 OR MET-L-X POWDER. ALSO, SEE GUIDE 170.

FIRE INVOLVING TANKS OR CAR/TRAILER LOADS

COOL CONTAINERS WITH FLOODING QUANTITIES OF WATER UNTIL WELL AFTER FIRE IS OUT.

FOR MASSIVE FIRE, USE UNMANNED HOSE HOLDERS OR MONITOR NOZZLES; IF THIS IS IMPOSSIBLE, WITHDRAW FROM AREA AND LET FIRE BURN.

WITHDRAW IMMEDIATELY IN CASE OF RISING SOUND FROM VENTING SAFETY DEVICES
OR
DISCOLORATION OF TANK.

ALWAYS STAY AWAY FROM TANKS ENGULFED IN FIRE.

SPILL OR LEAK

ELIMINATE ALL IGNITION SOURCES (NO SMOKING, FLARES, SPARKS OR FLAMES IN
IMMEDIATE AREA).

DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL.

SMALL DRY SPILL

WITH CLEAN SHOVEL, PLACE MATERIAL INTO CLEAN, DRY CONTAINER AND COVER
LOOSELY; MOVE CONTAINERS FROM SPILL AREA.

LARGE SPILL

WET DOWN WITH WATER AND DIKE FOR LATER DISPOSAL.

PREVENT ENTRY INTO WATERWAYS, SEWERS, BASEMENTS OR CONFINED AREAS.

FIRST AID

ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF THE MATERIAL(S) INVOLVED AND
TAKE

PRECAUTIONS TO PROTECT THEMSELVES.

MOVE VICTIM TO FRESH AIR.

CALL 911 OR EMERGENCY MEDICAL SERVICE.

GIVE ARTIFICIAL RESPIRATION IF VICTIM IS NOT BREATHING.

ADMINISTER OXYGEN IF BREATHING IS DIFFICULT.

REMOVE AND ISOLATE CONTAMINATED CLOTHING AND SHOES.

IN CASE OF CONTACT WITH SUBSTANCE, IMMEDIATELY FLUSH SKIN OR EYES WITH
RUNNING WATER FOR AT LEAST 20 MINUTES.

REMOVAL OF SOLIDIFIED MOLTEN MATERIAL FROM SKIN REQUIRES MEDICAL
ASSISTANCE.

KEEP VICTIM CALM AND WARM.

049 FROM CAB/EOT PROX012240 L 057 FROM HEAD

050 FROM CAB/EOT UTLX024979 L 056 FROM HEAD

051 FROM CAB/EOT UTLX110033 L 055 FROM HEAD

055 FROM CAB/EOT JRSX011149 L 051 FROM HEAD

057 FROM CAB/EOT JRSX010234 L 049 FROM HEAD

COMMODITY NUMBER IS 4930247

PHOSPHORIC ACID, SOLUTION, LIQUID OR
SOLID

CLASS 8 (CORROSIVE MATERIAL)

UN1805

ENVIRONMENTALLY HAZARDOUS SUBSTANCE (RQ-
5000 POUNDS (2270 KILOGRAMS))

PLEASE REFER TO THE APPROPRIATE ERG GUIDE FOR MORE INFORMATION.

POTENTIAL HAZARDS

HEALTH

TOXIC; INHALATION, INGESTION OR SKIN CONTACT WITH MATERIAL MAY CAUSE SEVERE INJURY OR DEATH.

CONTACT WITH MOLTEN SUBSTANCE MAY CAUSE SEVERE BURNS TO SKIN AND EYES. AVOID ANY SKIN CONTACT.

EFFECTS OF CONTACT OR INHALATION MAY BE DELAYED.

FIRE MAY PRODUCE IRRITATING, CORROSIVE AND/OR TOXIC GASES.

RUNOFF FROM FIRE CONTROL OR DILUTION WATER MAY BE CORROSIVE AND/OR TOXIC AND CAUSE POLLUTION.

FIRE OR EXPLOSION

NON-COMBUSTIBLE, SUBSTANCE ITSELF DOES NOT BURN BUT MAY DECOMPOSE UPON HEATING TO PRODUCE CORROSIVE AND/OR TOXIC FUMES.

SOME ARE OXIDIZERS AND MAY IGNITE COMBUSTIBLES (WOOD, PAPER, OIL, CLOTHING, ETC.).

CONTACT WITH METALS MAY EVOLVE FLAMMABLE HYDROGEN GAS.

CONTAINERS MAY EXPLODE WHEN HEATED.

FOR ELECTRIC VEHICLES OR EQUIPMENT, GUIDE 147 (LITHIUM ION BATTERIES) OR GUIDE 138 (SODIUM BATTERIES) SHOULD ALSO BE CONSULTED.

PUBLIC SAFETY

CALL EMERGENCY RESPONSE TELEPHONE NUMBER ON SHIPPING PAPER FIRST. IF SHIPPING

PAPER NOT AVAILABLE OR NO ANSWER, REFER TO APPROPRIATE TELEPHONE NUMBER LISTED ON THE INSIDE BACK COVER OF THE DOT EMERGENCY RESPONSE GUIDEBOOK. AS AN IMMEDIATE PRECAUTIONARY MEASURE, ISOLATE SPILL OR LEAK AREA IN ALL DIRECTIONS FOR AT LEAST 50 METERS (150 FEET) FOR LIQUIDS AND AT LEAST 25 METERS (75 FEET) FOR SOLIDS.

KEEP UNAUTHORIZED PERSONNEL AWAY.

STAY UPWIND, UPHILL AND/OR UPSTREAM.

VENTILATE ENCLOSED AREAS.

PROTECTIVE CLOTHING

WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA).

WEAR CHEMICAL PROTECTIVE CLOTHING THAT IS SPECIFICALLY RECOMMENDED BY THE MANUFACTURER. IT MAY PROVIDE LITTLE OR NO THERMAL PROTECTION.

STRUCTURAL FIREFIGHTERS' PROTECTIVE CLOTHING PROVIDES LIMITED PROTECTION IN

FIRE SITUATIONS ONLY; IT IS NOT EFFECTIVE IN SPILL SITUATIONS WHERE DIRECT

CONTACT WITH THE SUBSTANCE IS POSSIBLE.

EVACUATION

SPILL

SEE TABLE 1 OF THE DOT EMERGENCY RESPONSE GUIDEBOOK - INITIAL ISOLATION AND

PROTECTIVE ACTION DISTANCES FOR HIGHLIGHTED MATERIALS. FOR NON-HIGHLIGHTED MATERIALS, INCREASE, IN THE DOWNWIND DIRECTION, AS NECESSARY, THE ISOLATION DISTANCE SHOWN UNDER "PUBLIC SAFETY".

FIRE

IF TANK, RAIL CAR OR TANK TRUCK IS INVOLVED IN A FIRE, ISOLATE FOR 800 METERS (1/2 MILE) IN ALL DIRECTIONS; ALSO, CONSIDER INITIAL EVACUATION FOR 800 METERS (1/2 MILE) IN ALL DIRECTIONS.

EMERGENCY RESPONSE

FIRE

SMALL FIRE

DRY CHEMICAL, CO2 OR WATER SPRAY.

LARGE FIRE

DRY CHEMICAL, CO2, ALCOHOL-RESISTANT FOAM OR WATER SPRAY.

MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK.

DIKE FIRE-CONTROL WATER FOR LATER DISPOSAL; DO NOT SCATTER THE MATERIAL.

FIRE INVOLVING TANKS OR CAR/TRAILER LOADS

FIGHT FIRE FROM MAXIMUM DISTANCE OR USE UNMANNED HOSE HOLDERS OR MONITOR NOZZLES.

DO NOT GET WATER INSIDE CONTAINERS.

COOL CONTAINERS WITH FLOODING QUANTITIES OF WATER UNTIL WELL AFTER FIRE IS OUT.

WITHDRAW IMMEDIATELY IN CASE OF RISING SOUND FROM VENTING SAFETY DEVICES OR

DISCOLORATION OF TANK.

ALWAYS STAY AWAY FROM TANKS ENGULFED IN FIRE.

SPILL OR LEAK

ELIMINATE ALL IGNITION SOURCES (NO SMOKING, FLARES, SPARKS OR FLAMES IN IMMEDIATE AREA).

DO NOT TOUCH DAMAGED CONTAINERS OR SPILLED MATERIAL UNLESS WEARING APPROPRIATE PROTECTIVE CLOTHING.

STOP LEAK IF YOU CAN DO IT WITHOUT RISK.

PREVENT ENTRY INTO WATERWAYS, SEWERS, BASEMENTS OR CONFINED AREAS.

ABSORB OR COVER WITH DRY EARTH, SAND OR OTHER NON-COMBUSTIBLE MATERIAL AND TRANSFER TO CONTAINERS.

DO NOT GET WATER INSIDE CONTAINERS.

FIRST AID

ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF THE MATERIAL(S) INVOLVED AND

TAKE
 PRECAUTIONS TO PROTECT THEMSELVES.
 MOVE VICTIM TO FRESH AIR.
 CALL 911 OR EMERGENCY MEDICAL SERVICE.
 GIVE ARTIFICIAL RESPIRATION IF VICTIM IS NOT BREATHING.
 DO NOT USE MOUTH-TO-MOUTH METHOD IF VICTIM INGESTED OR INHALED THE
 SUBSTANCE;
 GIVE ARTIFICIAL RESPIRATION WITH THE AID OF A POCKET MASK EQUIPPED WITH
 A
 ONE-WAY VALVE OR OTHER PROPER RESPIRATORY MEDICAL DEVICE.
 ADMINISTER OXYGEN IF BREATHING IS DIFFICULT.
 REMOVE AND ISOLATE CONTAMINATED CLOTHING AND SHOES.
 IN CASE OF CONTACT WITH SUBSTANCE, IMMEDIATELY FLUSH SKIN OR EYES WITH
 RUNNING WATER FOR AT LEAST 20 MINUTES.
 FOR MINOR SKIN CONTACT, AVOID SPREADING MATERIAL ON UNAFFECTED SKIN.
 KEEP VICTIM CALM AND WARM.
 EFFECTS OF EXPOSURE (INHALATION, INGESTION OR SKIN CONTACT) TO SUBSTANCE
 MAY
 BE DELAYED.

H I G H V A L U E L O A D S

TRAIN-- MGRCY 04
 3380-THERE ARE NO CARS ON THIS TRAIN WITH HIGH VALUE LOADS
 3392-END OF TRAIN LIST

 = = = >> K E Y T R A I N << = = =

E N G I N E E R ' S C O P Y
 T R A I N L I S T I S S U E N O . 2

REPORT MAY NOT BE COMPLETE

 TRAIN/JOB: MGRCY 04 NAME:
 CNDR: B BROZOVICH ENGR: J MARTINEZ C/F 10/04 0845
 SECONDARY TRAIN ID: TRAIN DIRECTION OUT OF WX817 : EAST
 95-LOADS 10-MTYS 12417-GTONS CAR LENGTH: 6360-FT TRAIN LENGTH: 6581-FT

 HAZARDOUS MATERIAL IN TRAIN YES TRAIN WGT: 13039-TN
 RAIL SECURITY SENSITIVE MATERIAL SHIPMENTS YES RSSM CAR CNT: 1
 FORM 8620 PLACEMENT ERRORS NO
 SSI ITEM 5 PLACEMENT ERRORS/WARNINGS NO

TRAIN LENGTH EXCEPTION NO
 TRAIN HAS HIGH / WIDE SHIPMENTS NO
 LEAD LOCOMOTIVE IS PTC EQUIPPED YES (OPERATIVE)
 LEAD LOCOMOTIVE IS EMS EQUIPPED YES
 TRIP OPTIMIZER (OPERATIVE) (A)

SSI MAXIMUM SPEED (UNLESS OTHERWISE RESTRICTED) IS AS FOLLOWS:
 MAXIMUM SPEED * 50 * MPH BETWEEN WX817 AND WX510 LOWEST CAR SPEED
 MAXIMUM SPEED * 50 * MPH BETWEEN WX817 AND WX510 KEY TRAIN
 BE FURTHER GOVERNED BY MAXIMUM SPEEDS: TONS PER OPERATIVE BRAKE (TPOB)
 ITEM #2F OR SUBDIVISION TIMETABLE SI-12

TRAIN IS TO BE OPERATED ACCORDING TO * MANIFEST * TRAIN REQUIREMENTS

ST	LOCOMOTIVE	PU	SO	AC	EA	EA	AC	PVCAHECDASD	LEN	WGT				
CD	INIT	NUMB	CIRC7	CIRC7	D	DC	MODEL-#	PW	DB	AX	CCACCMSPTTB	DP	FT	TN
X	UP	5412	WX817		F	AC	C45ACCTE	12.1	9.8	6	YYYYYABBG3A		74	210
X	UP	5842	WX817		F	AC	C44ACCTE	12.1	9.8	6	YYYYY.BBG3A		74	208
X	UP	5003	WX817		F	DC	SD70M	10.4	8.6	6	YYYYY.B.G3E		73	204

TOTALS: 34.6 28.2 18 221 622

END TRAIN UNITS STATUS
 UPRQ 65471 WORKING AIR EOT

***** DUE TO ROUTE POWER REQUIREMENTS AND FUEL CONSERVATION EFFORTS *****
 ***** ISOLATE / SHUT DOWN / BRING ON-LINE THE FOLLOWING LOCOMOTIVE(S) *****
 ***** IN ACCORDANCE WITH ABTH RULE 31.8.7 *****
 ***** WEATHER AND CONDITIONS PERMITTING *****

***** CHECK TO BE SURE CONSIST IS CONFIGURED AS SHOWN ABOVE AT WX683 *****

***** NOT PULLED USING =ID *****

***** _____12417_____ / _____ 400_____ = _____ 31.1_____ *****

***** TRAIN TONNAGE TPA LIMIT TOTAL EPA NEEDED *****

***** STEP 1: DETERMINE MINIMUM NUMBER OF LOCOMOTIVE(S) WHICH ARE NEEDED *****
 ***** TO HANDLE TRAIN TONNAGE WITHOUT EXCEEDING CREW TPA LIMIT. *****

***** STEP 2: VERIFY CORRECT EPA IS ONLINE FOR ROUTE BY RECALCULATING TPA. *****

***** _____ / _____ = _____ (400 CREW TPA LIMIT) *****

***** TRAIN TONNAGE TOTAL EPA ACTUAL TPA *****

***** STEP 3: CONFIRM TPA DOES NOT EXCEED CREW TPA LIMIT. *****

TRAIN LIMITS BETWEEN WX683 AND WX510

TPA LIMIT IS 400, TPA LIMIT DUE TO LOCOMOTIVE FAILURE IS 575
 STANDARD STRENGTH COUPLER LIMIT IS 17500
 HIGH STRENGTH COUPLER LIMIT IS 21000
 TERRITORY CODE OTHER THAN H OR L
 TPA LIMIT FOR TRACK 2 IS 400

12417 TPA TONNAGE INCLUDES ISOLATED LOCOMOTIVES, IF ANY

359	TONS PER EQUIVALENT POWERED AXLE	-	34.6	EPA
441	TONS PER EQUIVALENT DYNAMIC BRAKE AXLE	-	28.2	EDBA
24	MAXIMUM EPA REAR HELPER			

105 TOTAL NUMBER OF CARS/PLATFORMS

105.00 TOTAL OPERATIVE-BRAKES

118 AVERAGE G-TONS PER CAR OR PLATFORM

119 TONS PER OPERATIVE BRAKE

438 TOTAL AXLES, INCLUDING LOCOMOTIVES

143 HEAVIEST CAR, PROX 105051, SEQ 026

13039 TOTAL GROSS TONS, CARS AND LOCOMOTIVES

SUMMARY OF CAR TYPES

6	BOX CAR	-	6	CUSHIONED DRAWBAR CARS
34	COVERED HOPPER			
21	FLAT CAR	-	21	CUSHIONED DRAWBAR CARS
2	MULTI LEVEL AUTO RACK	-	2	CUSHIONED DRAWBAR CARS
21	TANK CAR			
6	WORK EQUIPMENT			
15	OTHER CARS	-	2	CUSHIONED DRAWBAR CARS
31	TOTAL CUSHIONED DRAWBAR CARS			

TRAIN LIMITS BETWEEN WX817 AND WX683

TPA LIMIT IS 400, TPA LIMIT DUE TO LOCOMOTIVE FAILURE IS 457
 STANDARD STRENGTH COUPLER LIMIT IS 17500
 HIGH STRENGTH COUPLER LIMIT IS 21000
 TERRITORY CODE OTHER THAN H OR L

INSPECTION LOCATIONS:

GRERIVER WY WX817 O - CLASS 1

AIR BRAKE INSPECTIONS:

NAME	LOCATION	ROAD	DATE	TIME:	# CARS:
D. CANAVAN	GRERIVER WY		10/04/18	01:00	086
J. GREENE					

EOT INSPECTION:

NAME	LOCATION	ROAD	DATE	TIME:	EOT #
D. CANAVAN	GRERIVER WY		10/04/18	01:30	UPRQ065471

EVENT	CITY/ST	STA/YD	MO-DA-YR-TIME	TIM DIF	LOADS	MTYS	CAR-TONS	TRN-LGTH
CT	GRERIVER	WY WX817	10-04-18-0001					
TD	GRERIVER	WY WX817 +	10-04-18-0229	29"	76	10	9935	5627
PA	EGRERIVER	WY WX814	10-04-18-0230					
PA	ROCSRING	WY WX802	10-04-18-0335	42"				
PA	BLABUTTES	WY WX766	10-04-18-0422	20"				
PA	TIPTON	WY WX740	10-04-18-0459	05"				
TA	WAMSUTTER	WY WX724	10-04-18-0517	09A	76	10	9935	5627
TD	WAMSUTTER	WY WX724	10-04-18-0521	1'05A	76	10	9935	5627
PA	CRESTON	WY WX712	10-04-18-0552	57A				
TA	RAWLINS	WY WX683	10-04-18-0636	1'09A	76	10	9935	5627
CT	RAWLINS	WY WX683	10-04-18-0845					
TD	RAWLINS	WY WX683 !	10-04-18-0951	16"	76	10	9935	5627
PA	WALCOTT	WY WX662	10-04-18-1021	03A				
PA	HANNA	WY WX643	10-04-18-1055	1'16A				
TA	LARAMIE	WY WX566	10-04-18-1420	58A	76	10	9935	5627
TD	LARAMIE	WY WX566	10-04-18-1423	2'25A	95	10	12417	6581
PA	HERMOSA	WY WX548	10-04-18-1835	1'03"				
PA	DALE	WY WX545	10-04-18-1850	1'13"				
PA	BUFORD	WY WX537	10-04-18-1920	1'22"				

SCH STATS 95LDS 10MTYS 12417TONS 6581FT

SA CHEYENNE	WY WX510	10-04-18-2111	95	10	12417	6581
SS CHEYENNE	WY WX510		95	10	12417	6360

TO ENGINEER AND CONDUCTOR

MGRCY 04 OUT OF WX817

THE TONNAGE CHART BELOW IS A PROFILE OF YOUR TRAIN (OR PICKUP) OUT OF WX817

50 MPH IS MAXIMUM SPEED 095 LOADS 010 EMPTIES 012417 TONS 06139 FT

S/O	HLS	ACUM	ACUM	ACUM	TONS	SEQ	20	30	40	50	60	70	80	90	100	110	120	130	140	150
WX510	L	94	438	1	68	1	CCCCCCCCCCCCCCCC													
		155	434	1	180	2	CCCCCCCCCCCCCCCC													
	6	223	430	1	304	3	CCCCCCCCCCCCCCCC													
	6	291	426	1	431	4	CCCCCCCCCCCCCCCC													
	S	334	422	1	555	5	XXXXXXXXXXXXXXXXXX													
		394	418	1	685	6	XXXXXXXXXXXXXXXXXX													
		454	414	1	815	7	XXXXXXXXXXXXXXXXXX													
		514	410	1	945	8	XXXXXXXXXXXXXXXXXX													
		571	406	1	1075	9	XXXXXXXXXXXXXXXXXX													
		617	402	1	1205	10	XXXXXXXXXXXXXXXXXX													
		670	398	1	1322	11	XXXXXXXXXXXXXXXXXX													
		719	394	1	1451	12	XXXXXXXXXXXXXXXXXX													
		779	390	1	1579	13	XXXXXXXXXXXXXXXXXX													
		836	386	1	1706	14	XXXXXXXXXXXXXXXXXX													
	S	879	382	1	1830	15	XXXXXXXXXXXXXXXXXX													
	S	922	378	1	1953	16	XXXXXXXXXXXXXXXXXX													
		969	374	1	2081	17	XXXXXXXXXXXXXXXXXX													
	S	1012	370	1	2202	18	XXXXXXXXXXXXXXXXXX													
		1067	366	1	2319	19	XXXXXXXXXXXXXXXXXX													
	S	1111	362	1	2443	20	XXXXXXXXXXXXXXXXXX													
	6	1177	358	1	2472	21	XXXXXX													
	L	1257	354	1	2577	22	CCCCCCCCCCCCCCCC													
		1312	350	1	2708	23	XXXXXXXXXXXXXXXXXX													
	6	1384	346	1	2746	24	XXXXXXXXXX													
	6	1456	342	1	2784	25	XXXXXXXXXX													
	*6#	1524	338	1	2927	26	XXXXXXXXXXXXXXXXXX													
	L	1605	334	1	3059	27	CCCCCCCCCCCCCCCC													
	L	1685	330	1	3187	28	CCCCCCCCCCCCCCCC													
	L	1766	326	1	3302	29	CCCCCCCCCCCCCCCC													
	6	1832	322	1	3426	30	XXXXXXXXXXXXXXXXXX													
	*	1878	318	1	3459	31	XXXXXX													
		1938	314	1	3590	32	XXXXXXXXXXXXXXXXXX													
		1997	310	1	3721	33	XXXXXXXXXXXXXXXXXX													
		2058	306	1	3864	34	XXXXXXXXXXXXXXXXXX													
		2116	302	1	3995	35	XXXXXXXXXXXXXXXXXX													
		2176	298	1	4126	36	XXXXXXXXXXXXXXXXXX													
		2236	294	1	4257	37	XXXXXXXXXXXXXXXXXX													
		2296	290	1	4388	38	XXXXXXXXXXXXXXXXXX													
		2356	286	1	4519	39	XXXXXXXXXXXXXXXXXX													

6	4918	126	1	8982	79	XX
	4976	122	1	9112	80	XX
6	5047	118	1	9253	81	XX
6	5119	114	1	9394	82	XX
6	5190	110	1	9535	83	XX
6	5261	106	1	9676	84	XX
7	5335	102	1	9811	85	CC
6	5406	98	1	9935	86	CC
S	5448	94	1	10076	87	XX
S	5490	90	1	10216	88	XX
S	5532	86	1	10357	89	XX
S	5574	82	1	10497	90	XX
S	5616	78	1	10638	91	XX
S	5658	74	1	10779	92	XX
S	5700	70	1	10919	93	XX
S	5742	66	1	11059	94	XX
S	5784	62	1	11198	95	XX
	5841	58	1	11320	96	XX
	5898	54	1	11442	97	XX
	5957	50	1	11564	98	XX
	6015	46	1	11686	99	XX
	6072	42	1	11807	100	XX
	6129	38	1	11929	101	XX
	6186	34	1	12051	102	XX
	6243	30	1	12173	103	XX
	6301	26	1	12295	104	XX
	6360	22	1	12417	105	CC

HEAD END POWER BLOCK (HC).

EXPLANATION OF TRAIN PROFILE CODES

- HZ COLUMN: '*' INDICATES A CAR THAT IS HAZARDOUS.
- LG COLUMN: 'S' INDICATES A CAR THAT IS 45 FT OR SHORTER.
- '6' INDICATES A CAR THAT IS 65 TO 72 FT LONG.
- '7' INDICATES A CAR THAT IS 73 TO 79 FT LONG.
- 'L' INDICATES A CAR THAT IS 80 FT OR LONGER.
- SH COLUMN: '#' INDICATES A CAR THAT HAS A SPECIAL HANDLING CODE APPLIED; REFER TO THE CONSIST FOR DETAILS.
- #P COLUMN: INDICATES THE NUMBER OF PLATFORMS/WELLS ON AN ARTICULATED INTERMODAL CAR, AND THE NUMBER OF UNITS ON OTHER ARTICULATED CARS.
- TONS COLUMN: 'C' INDICATES A CAR THAT IS EQUIPPED WITH END OF CUSHIONING DEVICE