

# Trainspotting Effort – 2019

## What We Saw

Charley Bowman  
Environmental Justice Taskforce of the WNY Peace Center  
Western NY Drilling Defense  
Isaias Gonzalez-Soto Branch Library  
December 5, 2019



**24 Hour Trainspotting Effort**

**April 16 to April 17 2019**

**Amtrak Station Depew NY**

Haz Mat Number	Number Tankers	Hazardous Material
1014	?	Carbon dioxide and oxygen mixtures, compressed
1203	?	Gasoline
1987	198	Alcohols, n.o.s
1075	130	Butane
1267	110	Tar Sands/Bakken Crude
No haz mat tag	36	Tankers that have been cleaned
3257	31	Elevated temp liquid at 100degC below flash point
1093	14	Acrylonitrile, inhibited
1114	11	Benzene
1824	9	Sodium Hydroxide
3082	5	Hazardous waste, liquid, n.o.s.
1017	4	Chlorine
1791	4	Hypochlorite Sol.
1090	2	Acetone
1173	2	Ethyl acetate
1247	2	Methyl methacrylate monomer, inhibited
1294	2	Toluene
1301	2	Vinyl acetate, inhibited
1830	2	Sulfuric Acid
1120	1	Butanols
1230	1	Methanol
1236	1	??
1268	1	Petroleum Distillate
1760	1	Corrosive cleaning compound
1761	1	Cupriethylenediamine solution
1789	1	Hydrochloric acid
1805	1	Phosphoric acid
1814	1	Potassium hydroxide, solution
1993	1	Compounds, cleaning liquid
2015	1	Hydrogen peroxide, stabilized
2735	1	Amines, liquid, corrosive, n.o.s
2924	1	Flammable liquids, corrosive, n.o.s.
3211	1	Perchlorates, inorganic, aqueous solution,
3256	1	Elevated temperature liquid, flammable
Total Tankers:	579	

Bomb Train Sightings				
Date/Time	Haz Mat #	Haz Mat	No. Tankers	Trainspotters
4/16/2019 22:30	1987	Alcohols n.o.s	100	Al Karney & John Szalasny
4/17/2019 6:15	1267	Tar Sands oil/Bakken Crude	109	Annmarie Jason & Russell Brown
4/17/2019 16:48	1987	Alcohols n.o.s	98	Mark & Sandy Przybylak

Number of Rail Cars		
3,486		
Number Haz. Mat. Types	Total No. Tankers	
33	579	
Direction	No. Trains	Percent of Trains
East	25	52%
West	21	44%
Not Recorded	2	4%
Total_Trains	48	100%

Trainspotters			No. Trains	Shift	
Steve Gareau	Lucille Gervase		6	7:00 PM	10:00 PM
Al Karney	John Szalasny		9	10:00 PM	1:00 AM
Charley Bowman	John McKendry	Joe Chamberlain	5	1:00 AM	4 AM
Russell Brown	Annmarie Jason		4	4:00 AM	7:00 AM
Sr. Margaret Quinlin	Bill Jacobson	Eric Zanner	5	7:00 AM	10:00 AM
Sr. Sheila Stone	Ann Marie Bowman		5	10:00 AM	1:00 PM
Cara Paglog	Bob Murphy		7	1:00 PM	4:00 PM
Mark Pzybylak	Sandy Pzybylak		7	4:00 PM	7:00 PM

**24 Hour Trainspotting Effort  
June 25 - 26, 2019  
Jean Dickson's Home, Crescent Ave, Buffalo NY**

Haz Mat Tag Numbers	Revised Total Tankers	Hazardous Material
1005	2	Ammonia, anhydrous
1017	13	Chlorine
1075	5	Butane
1170	5	Ethanol
1230	5	Methanol
1247	1	Methyl methacrylate monomer, stabilized
1268	2	Petroleum Distillates
1760	4	Corrosive Cleaning Compound, Tree or weed killing liquid
1781	3	Hexadecyltrichlorosilane
1789	15	Hydrochloric Acid
1791	13	Hypochlorite Solution
1814	1	Caustic potash, liquid
1824	18	Sodium Hydroxide Solution
1830	4	Sulfuric Acid
1832	2	Sulfuric Acid Spent
2187	3	Carbon Dioxide (refrigerated liquid)
3082	1	Hazardous Waste, liquid
3181	0	Metal Salts of organic compounds, flammable
3295	1	Hydrocarbons, liquid
3463	1	Propionic acid, (> 90% acid)
No Haz Mat tag	15	Cleaned Tankers
Could not read Haz Mat Tags	67	
<b>Total Tankers</b>	<b>181</b>	

Number of Rail Cars
788
Number of Tankers
181
Number Haz. Mat. Types
at least 20

Engine	No. Trains
CSX	3
CP	2
N/S	2
CN	2
Not Recorded	2
<b>Total</b>	<b>11</b>

Direction	Number Trains
East	5
West	6
<b>Total Trains</b>	<b>11</b>

Direction of Travel			
	East	West	Total
<b>Cars</b>	310	478	788
<b>Tankers</b>	72	109	181

Trainspotters		No. Trains	Shift	
Eric Zanner	Bill Jacobson	2	7:00 PM	10:00 PM
Al Karney	John Szalasny	2	10:00 PM	1:00 AM
Joe Chamberlain	Charley Bowman	2	1:00 AM	7:00 AM
Annmarie Jason	Sr. Margaret Quinlin	1	7:00 AM	10:00 AM
Ann Marie Bowman	Sr. Sheila Stone	0	10:00 AM	1:00 PM
Madeline Tardiff	Cara Padlog	1	1:00 PM	4:00 PM
Bob Murphy	Lucille Gervase	3	4:00 PM	7:00 PM
	<b>Total</b>	<b>11</b>		

**24 Hour Trainspotting Effort  
July 31 - August 1, 2019  
Depew NY Amtrak Station**

Haz Mat Tag	Hazardous Material	East	West	Totals
1075	Liquid Petroleum Gas	5	7	12
1077	Propylene	30	0	30
1129	Butyraldehyde	1	2	3
1203	Gasohol	0	1	1
1230	Methanol	3	0	3
1247	Methul methacrylate	0	2	2
1267	Bakken crude/Tar Sands Oil	0	109	109
1301	Vinyl acetate	0	1	1
1724	Allyltrichlorosilane	1	0	1
1727	Ammonium bifluoride	1	0	1
1760	Cleaning fluid	5	1	6
1770	Diphynulmethul bromide	1	0	1
1791	Hypchlorite solution	0	2	2
1805	Phosphoric acid	2	1	3
1824	Sodium hydroxide solution	0	5	5
1830	Sulfuric acid	2	1	3
1915	Cyclohexanone	1	0	1
1987	Alcohols	80	175	255
2050	Diisobutylene	0	1	1
2055	Styrene monomer	0	1	1
2312	Phenol, molten	2	0	2
2426	Ammonium nitrate, liquid, hot	0	1	1
2448	Sulfur, molten	0	1	1
3065	Alcoholic beverages	0	1	1
3082	Hazardous waste, liquid	1	3	4
3256	Elevated temp. liquid, flammable	8	5	13
3257	Elevated temp. liquid	20	22	42
3265	Corrosive liquid, organic	0	1	1
3432	Polychlorinated biphenyls	0	10	10
unlabelled		15	10	25
unreadable		61	0	61
Totals:		239	363	602

Trainspotters	East	West	Total
Mark & Sandy Przybilak	5	4	9
Bpb Murphy & Joe Chamberlain	2	3	5
Charley Bowman, Chuck Culhane	4	4	8
Annmarie Jason & Sister Margaret Quinlin	6	3	9
Ann Marie Bowman & Bill Jacobson	4	2	6
Jack Kanack & Al Karney	2	3	5
Steve Gareau & Lucille Gervase	1	3	4
Train Totals:	24	22	46

	Westbound	Eastbound	Total
Trains	22	24	
Amtrak	3	4	7
Trains - Amtrak = Freight	21	20	41
Railcars	1864	1819	3683
Tankers	353	163	516
Freight Trains w/o Tankers	8	10	18
Freight Trains with Tankers	13	8	21
Unlabelled Tankers (cleaned)	10	23	33
Unreadable Hazmats Tags	61	> 1	>62
Unclassified Trains (vision blocked)	1	1	2

	MPH	
average	32.2	31.1
median	29.5	29.0
max	58.0	62.0
min	15.0	13.0
Trains > 50 MPH	1	2



**24 Hour Trainspotting Effort  
November 14 - November 15, 2019  
Depew NY Amtrak Station**

Unique Haz Mat Tags	Hazardous Material	East	West	Total
1075	LPG	10	55	65
1077	Propylene	0	1	1
1120	Butanols	0	1	1
1129	Butyraldehyde	0	1	1
1170	Ethanol	0	1	1
1205	? No Longer in Use	1	0	1
1230	Methanol	2	0	2
1267	Bakken Crude/Tar Sands Oil	102	8	110
1301	Vinyl Acetate	0	1	1
1575	Calcium Cyanide	22	0	22
1715	Acetic Anhydride	1	0	1
1780	Funaryl Chloride	0	1	1
1789	Hydrochloric Acid	1	0	1
1805	Phosphoric Acid	0	4	4
1824	Sodium Hydroxide	0	2	2
1830	Sulfuric Acid	0	1	1
1832	Sulfuric Acid, spent	0	1	1
1863	Fuel, Aviation	5	0	5
1875	?	0	9	9
1912	Methyl Chloride	1	0	1
1951	Argon, liquid	0	1	1
1987	Alcohols	160	0	160
2055	Styrene monomer	2	1	3
3082	Hazardous Waste, liquid	0	3	3
3297	Chlorotetrafluoroethane	0	1	1
?	?	30	18	48
unlabelled		29	12	41
unreadable		4	0	4
26		370	122	492

Trainspotters	East	West	Totals
Eric Zanner, Bill Jacobson	5	5	10
John Szalaszny, Al Karney	2	0	2
John McKendry, Charley Bowman	3	2	5
Joe Chamberlain, Charley Bowman	2	0	2
Sister Margaret Quinlin, Annmarie Jason	2	2	4
Ann Marie Bowman, Sister Sheila Stone	3	2	5
Chuck Culhane, Val Niederhoffer, Russell Brown	6	2	8
Tom Casey, Charley Bowman	1	7	8
Total Trains:	24	20	44

	Westbound	Eastbound	Total
Trains	20	24	44
Amtrak	3	3	6
Trains - Amtrak = Freight	17	21	38
Railcars	1243	1946	3189
Tankers	122	370	492
Freight Trains w/o Tankers	8	14	22
Freight Trains with Tankers	9	7	16
Unlabelled Tankers (cleaned)	12	29	41
Unreadable Hazmats Tags	18	30	48
Unclassified Trains (vision blocked)	0	4	4

	Train Speed (MPH)	
	East	West
average	33.7	21.9
median	30.0	22.1
max	58.0	22.1
min	16.0	22.4
> 50 MPH	2	0

# 64 Hazmats

Name	All HazMats	April	June	July	Nov
Ammonia, anhydrous	1005		1005		
Carbon dioxide and oxygen mixtures, compressed	1014	1014			
Chlorine	1017	1017	1017		
Liquid Petroleum Gas	1075	1075	1075	1075	1075
Propylene	1077			1077	1077
Acetone	1090	1090			
Acrylonitrile, inhibited	1093	1093			
Benzene	1114	1114			
Butanols	1120	1120			1120
Butyraldehyde	1129			1129	1129
Ethanol	1170		1170		1170
Ethyl acetate	1173	1173			
Gasohol	1203	1203		1203	
? No Longer in Use	1205				1205
Methanol	1230	1230	1230	1230	1230
??	1236	1236			
Methyl methacrylate monomer, inhibited	1247	1247	1247	1247	
Tar Sands/Bakken Crude	1267	1267		1267	1267
Petroleum Distillate	1268	1268	1268		
Toluene	1294	1294			
Vinyl acetate, inhibited	1301	1301		1301	1301
Calcium Cyanide	1575				1575
Acetic Anhydride	1715				1715
Allyltrimchlorosilane	1724			1724	
Ammonium bifluoride	1727			1727	
Corrosive cleaning compound	1760	1760	1760	1760	
Cupriethylenediamine solution	1761	1761	1781		
Diphynylmethul bromide	1770			1770	
Funaryl Chloride	1780				1780
Hexadecyltrichlorosilane	1781				
Hydrochloric acid	1789	1789	1789		1789
Hypochlorite Sol.	1791	1791	1791	1791	
Phosphoric acid	1805	1805		1805	1805
Potassium hydroxide, solution	1814	1814	1814		
Sodium Hydroxide Solution	1824	1824	1824	1824	1824
Sulfuric Acid	1830	1830	1830	1830	1830
Sulfuric Acid Spent	1832		1832		1832
Fuel, Aviation	1863				1863
?	1875				1875
Methyl Chloride	1912				1912
Cyclohexanone	1915			1915	1915
Argon, liquid	1951				
Alcohols, n.o.s	1987	1987		1987	1987
Compounds, cleaning liquid	1993	1993			
Hydrogen peroxide, stabilized	2015	2015			
Diisobutylene	2050			2050	
Styrene monomer	2055			2055	2055
Carbon Dioxide (refrigerated liquid)	2187		2187		
Phenol, molten	2312			2312	
Ammonium nitrate, liquid, hot	2426			2426	
Sulfur, molten	2448			2448	
Amines, liquid, corrosive, n.o.s	2735	2735			
Flammable liquids, corrosive, n.o.s.	2924	2924			
Alcoholic beverages	3065				3065
Hazardous waste, liquid, n.o.s.	3082	3082	3082	3082	3082
Metal Salts of organic compounds, flammable	3181		3181		
Perchlorates, inorganic, aqueous solution,	3211	3211			
Elevated temperature liquid, flammable	3256		3256	3256	
Elevated temp liquid	3257	3257		3257	
Corrosive liquid, organic	3265			3265	
Hydrocarbons, liquid	3295		3295		
Chlorotetrafluoroethane	3297				3297
Polychlorinated biphenyls	3432			3432	
Propionic acid, (> 90% acid)	3463		3463		
Coal	coal			coal	

Name	All HazMats	April	June	July	Nov
Calcium Cyanide	1575				1575
Acetic Anhydride	1715				1715
Funaryl Chloride	1780				1780
Methyl Chloride	1912				1912
Chlorotetrafluoroethane	3297				3297
Coal	coal			coal	
Allyltrichlorosilane	1724			1724	
Ammonium bifluoride	1727			1727	
Polychlorinated biphenyls	3432			3432	
Propionic acid, (> 90% acid)	3463		3463		
Hydrocarbons, liquid	3295		3295		
Metal Salts of organic compounds, flammable	3181		3181		
Carbon Dioxide (refrigerated liquid)	2187		2187		
Ammonia, anhydrous	1005		1005		
Amines, liquid, corrosive, n.o.s	2735	2735			
Flammable liquids, corrosive, n.o.s.	2924	2924			
Compounds, cleaning liquid	1993	1993			
Hydrogen peroxide, stabilized	2015	2015			
Perchlorates, inorganic, aqueous solution,	3211	3211			
Hazardous waste, liquid, n.o.s.	3082	3082	3082	3082	3082
Sodium Hydroxide Solution	1824	1824	1824	1824	1824
Sulfuric Acid	1830	1830	1830	1830	1830
Methanol	1230	1230	1230	1230	1230
Liquid Petroleum Gas	1075	1075	1075	1075	1075

## 2019 Trainspotting Effort

<u>Date</u>	<u>Location</u>	<u>No. Hazmat</u>	<u>Tankers</u>	<u>Railcars</u>	<u>1075</u>	<u>1267</u>	<u>1987</u>	<u>#Trains</u>
16-Apr	Depew NY	33	579	3,486	130	109	198	48
25-Jun	Jean Dickson Home	20	181	788	5	0	5	11
31-Jul	Depew	29	602	3,683	5	109	255	46
14-Nov	Depew	26	492	3,189	65	110	160	44

### Trainspotters 2019

Al Karney  
 Ann Marie Bowman  
 Annmarie Jason  
 Bill Jacobson  
 Bob Murphy  
 Cara Paglog  
 Charley Bowman  
 Chuck Culhane,  
 Eric Zanner  
 Jack Kanack  
 Jean Dickson  
 Joe Chamberlain  
 John McKendry  
 John Szalasny  
 Lucille Gervase  
 Madeline Tardiff  
 Mark Pzybylak  
 Russell Brown  
 Sandy Pzybylak  
 Sr. Margaret Quinlin  
 Sr. Sheila Stone  
 Steve Gareau  
 Tom Casey  
 Val Niederhoffer

