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Communication
CW: June 3/14
Item: Dep D

1. CN Rails MacMillan yard has been making a lot of unnecessary noise, particularly squealing, high throttle engine noise & other disturbances.
2. Play video's
 - a. Squeal 1.mp4
 - b. TraVID-20111214-00016.mp4
 - c. 20140501_033545.mp4
 - d. Lock St & Creditstone Rd.mp4
3. It is not necessary for CN to make noise beyond a few hundred meters, we know this because we have a long history on the matter:
 - a. Residents have filed 2 formal complaints with the CTA focused on sec.95 of the ACT.
 - b. 1st complaint resulted in a site visit by the CTA at Tracie Crt; minutes to this meeting documented that the various CN operations carried out that day could not be heard at all. The case was dismissed because they ruled there was no disturbance.
 - c. Prior to the 2nd case we did a clever thing, we documented a log of the days a disturbance was heard & recorded the noises played for you today. We used the minutes to the site visit as evidence that CN is not restricted in their operations when not making a disturbance; using the recording we asked that steps be taken to prevent CN from carrying-on making a disturbance.
 - d. We been working with Julian Fantino's office to negotiate directly with CN & hope to get a Bill introduced to mitigate the noise.
4. What we are asking of city council today:
 - a. Show support for bill C-393
 - b. city council could champion the appeal of our CTA case with the Federal court of appeal
 - c. communicate concerns to other levels of gov't
 - d. City council could lobby CN directly
5. Other municipalities are lobbying to be informed by CN when explosive & toxic materials are in their town so emergency response can be on the ready, examples are:
 - a. Wayne Balwin, Mayor of White Rock is lobbying Federal Transport Minister Lisa Raitt re trafficon the BNSF Railway.
 - b. The efforts of Lac La Biche County's mayor, Aurel Langevin center around concerns that increased train traffic will disturb emergency services such as ambulance & fire.
 - c. Calgary Mayor Naheed Nenshi is arguing for municipal regulation of the railways.
 - d. Pauline Quinlan, mayor of Bromont, Que., lobbying for more collaboration between municipalities & rail companies.
6. The following are derailments at MacMillan yard in our own backyard:

Feb 9, 2010. MacMillan Yard, Toronto, Ontario. 2 CN cars derailed in the yard during switching operations. 1 of the cars, a tank car, broke into 2 sections and spilled its entire load of about 57,000 litres of ferric sulphate – a hazardous corrosive liquid - along the roadway and adjacent tracks. The TSB reported that the tank split in 2 due to a small fatigue crack at a weld seam that should have included a reinforcing pad; they also reported that Canadian National (CN) yard assignment was shoving freight cars into track R-011 when it was advised to stop. (TSB Report R10T0020)

Sept 17, 2007 MacMillan Yard. A CN train remotely controlled by Beltpack collided with the tail end of a second CN train. 2 locomotives and 2 cars from the remotely controlled train derailed. 6 cars on the other train derailed and sustained

damage, including 2 special dangerous goods tank cars containing chlorine gas. About 3,785 litres of diesel fuel spilled from the derailed locomotives and seeped into the ground. The TSB reported that the new conductor operating the train by Belt pack remote control had inadequate training and experience. The TSB also indicated that the train may have been too long and too heavy to be operated by remote control at all. (TSB Report R07T0270)

Sept 24, 2001. Richmond Hill A CN freight train derailed 21 cars on the main track.

It was 3,000 feet long and weighed 5,100 tons. The TSB reported that a heavy bulkhead door had opened, contacted the side of a train passing on an adjacent track causing the derailment. The Board indicated that a faulty bulkhead door was inadequate and should have been replaced. (TSB Report R01T0255)

Nov 26, 1998. Halton Subdivision, MacMillan Yard, Concord, Ontario. A CN train derailed 3 tank cars loaded with anhydrous ammonia. 1 of the tank cars was damaged and spilled anhydrous ammonia. Highway 7 was closed for about 5 hours. The TSB reported the train derailed as a result of 2 rail breaks caused by surface and sub-surface cracking, the wear exceeding CN's allowable limits. (TSB Report R98T0292)

March 6, 1996. Halton Subdivision, MacMillan Yard, Toronto, Ontario. A remote controlled CN train collided with a standing CN train in the yard, derailing 7 cars. A tank car loaded with ethylene oxide flipped upside down and came to rest on its top, and was extensively damaged. Ethylene oxide is compressed gas that is flammable over a wide vapour/air concentration range and if contaminated may polymerize violently. Ethylene oxide, itself is a very hazardous substance, at room temperature it is a flammable, carcinogenic, mutagenic, irritating, and anaesthetic gas with a misleadingly pleasant aroma. If you can smell it, it is already at toxic concentrations. Ethylene oxide is extremely flammable and its mixtures with air are explosive. The TSB determined that the accident occurred because the yard assignment crew momentarily lost point protection for their movement and operated it into an area that was not known to be safe. (TSB Report R96T0080)