

AAMJIWNAANG FIRST NATION

Notification Report

December 2015

Wilson Plain Jr. – Emergency Management Planner

January 6, 2015

Report of notifications received from local industries, CVECO, Ministry of the Environment and Climate Change (MOECC) and MyCNN notification system

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Emergencies or Incidents reported for the month of December, 2015.

- 22 notifications were received
- 1 phone calls, 0 text messages, 11 emails and 10 "MyCNN" notifications were received
- A total of 4 CVECO Codes were issued. 6 CVECO Information Notices were issued.
- 8 Information emails were received from MOECC regarding incidents
- 0 Aamjiwnaang Notifications were sent out

Community Inquiries: No phone calls were received from community members regarding incidents near Aamjiwnaang.

Date	Time of Issue	Time of All Clear?	Company	Type of Notice	Description Received	ANS or FB ?
Dec 1	9:32 am	11:19 am	Suncor	CVECO Information Notice	An Information has been issued for Suncor at 1900 st clair parkway. conducting an emergency on site drill with movement of emergency vehicles and equipment	ANS
Dec 1	3:40 pm		Shell	MOECC Information Email >>>	<p>Notification E-Mail – Shell Refinery Charged December 1, 2015</p> <p>MOECC Reference Number: 7763-93UQ8L</p> <p>Date and Time of Incident: January 11, 2013 @ 1:21 pm</p> <p>Date and Time Reported to MOECC: January 11, 2013 @ 1:48 pm</p> <p>Company Name (if known) and Location of Incident: Shell Canada Refinery, 150 St. Clair Parkway, Corunna</p> <p>What has occurred? On November 24, 2015 Shell Canada Limited ("Shell") pleaded guilty to one offence and was fined \$500,000 for permitting a discharge of a contaminant, namely an odour containing mercaptan, into the natural environment that caused an adverse effect, contrary to the Environmental Protection Act (EPA). The court also issued a probation order to Shell requiring it to pay \$200,000 to the Aamjiwnaang First Nation.</p> <p>Background: On January 11, 2013, Shell personnel discovered a flare knock-out line leak of liquid containing mercaptan. The leak caused a foul odour and flowed into the on-site ditch, which empties into the refinery's storm sewer system that brings storm</p>	FB

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Dec 1	3:43 pm	Lanxess	MOECC Information Email >>>	<p>Update Notification E-mail – Lanxess Potential for Increased Flaring December 1, 2015</p> <p>MOECC Reference Number: 0333-A4EIH3</p> <p>Date and Time of Incident: November 20, 2015 Date and Time Reported to MOECC: November 19, 2015 @ 9:00 am</p> <p>Company Name (if known) and Location of Incident: Lanxess Inc., 1265 Vidal St. S., Sarnia</p> <p>What has occurred? Lanxess reported to the Ministry's Sarnia District Office that they were shutting down a unit on November 20, 2015 and that there was a potential for increased flaring.</p> <p>What Action is being taken? In the event of increased flaring, Lanxess advised that it would issue an information notification through the Chemical Valley Emergency Coordinating Organization (CVECO) system. Lanxess subsequently completed the shut-down and on November 25, 2015 informed the ministry's Sarnia District Office that the unit would be started up again on November 27, 2015. On December 1, 2015 Lanxess informed the ministry that the start-up of the unit had been completed and that there were no flaring issues.</p> <p>Other agencies involved (if known): No other agencies involved.</p> <p>Updates Expected: No further updates.</p>	FB	

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Dec 2	9:51 am	10:00 am	NOVA Corunna	CVECO Code 8	Code 8 was issued for Nova Corunna at 785 Petrolia Line. Fire in the APG area.	
Dec 2	1:28 pm	11:13 am Dec 3	Shell	CVECO Information Notice Email from Shell >>>	An Information has been issued for Shell at 150 Saint Clair Parkway. Unit start up, isomax first stage. Shell is starting up a unit at our refinery today (December 2) and, as a result, there will be higher than normal flaring and noise that may be heard offsite. This activity is expected to continue, intermittently, for the next 24 hours. We will keep the CAER line updated at 1-855-4SARNIA (472-7642). Please contact me at 519-481-1135 if you have any questions. Thanks Kristina Zimmer External Relations Advisor Shell Sarnia Manufacturing Centre (2:35 pm)	ANS
Dec 4	5:48 pm		CF Industries	MOECC Information Email >>>	MOECC Reference Number: 0777-A4VU86 Date and Time: 04December2015 @ approx. 18:00 Company Name (if known) and Location of Incident: CF Industries 161 Bickford Line, Courtright What has occurred? - Shutting down unit onsite - No offsite impacts anticipated. Updates Expected: No	FB
Dec 5	12:11 pm	5:22 pm	NOVA Moore	CVECO Information Notice	An Information has been issued for Nova Moore site at 510 Moore Line, Mooretown for excessive noise and flaring due to unit shutdown and start-up.	
Dec 7	12:59 pm		Pembina	Phone Call	Mark Carrol called to inform that the Pembina sirens would be worked on this afternoon. Technicians expect the sirens to be sounded intermittently while work is being done.	ANS
Dec 10	8:28 am	4:39 pm	Enbridge	CVECO Information Notice	An Information has been issued for Enbridge Pipeline at 1010 plank road. Routine Maintenance work to start at 0800. Potential for petroleum odors.	
Dec 10	2:07 pm	10:27 pm	Lanxess	CVECO Code 8	Code 8 was issued for Lanxess at 1265 Vidal Street South. Contained leak at Halo Butyl 2 unit.	ANS

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Dec 11	2:22 pm	12:52 am Dec 12	Shell	<p>Email Notification</p> <p>MOECC Information Email >>></p> <p>CVECO Information Notice</p>	<p>We have had an unplanned outage of a process unit at the Shell refinery this afternoon (Friday, December 11). This has resulted in increased flaring and noise which may be heard offsite. Our personnel are working to determine the cause of the outage and bring the equipment back to normal operations. We will keep the CAER line updated at 1-855-4SARNIA(472-7642). Please contact me at 519-330-4723 if you have any questions. Thanks Kristina Zimmer</p> <p>MOECC Reference Number: 1555-A54QE4 Date and Time: OCCURRED: 12/11/2015 14:02h Company Name (if known) and Location of Incident: Shell Canada Corunna What has occurred? Flaring event started at approx. 14:02h - ongoing. What Action is being taken? Local MOECC office notified. Other agencies involved (if known): Local MOECC office. Updates Expected: YES</p> <p>An Information has been issued for Shell at 150 Saint Clair Parkway. Restart of catcracker unit with possible higher flare and higher noise levels.</p>	ANS
Dec 13	8:14 am	10:02 am	Suncor	<p>CVECO Code 8</p> <p>MOECC Information Email >>></p>	<p>An Information has been issued for Suncor at 1900 Saint Clair Parkway. 2 litres of diesel spilled into river.</p> <p>MOECC Reference Number: 2811-A56HAT Date and Time: 2015/Dec/13, 08:02 Company Name (if known) and Location of Incident: Suncor, Suncor Dock, Sarnia What has occurred? Leak from a valve near a vessel leaked 1L-1galUS of diesel to St. Clair River What Action is being taken? Booms and absorbent pads have been placed in the water to contain the spill. The vessel has set out 2 pollution control boats and Suncor staff is working to clean up the site. Spill is believed to be 80% cleaned up. Suncor also has a vacuum truck on scene and notified a clean-up contractor. Other agencies involved (if known): CCG Updates Expected: Yes, from Sarnia Office</p>	FB

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Dec 14	1:29 pm		Shell	Email Notification	<p>Shell Sarnia Manufacturing Centre has been working to repair equipment on one of the refinery process units. The repair is taking longer than originally anticipated, and there is more work to be done to ensure safe operation of the equipment before bringing it online. As a result, we are expecting increased flaring for the next <u>ten to fifteen days</u>. There may be noise heard offsite as a result of this. I would like to thank the community for its patience during this time. Please feel free to contact me if you have questions or concerns. We will keep the CAER line updated at 855-4SARNIA (472-7642). Thanks Kristina Zimmer Shell Sarnia Manufacturing Centre</p>	ANS
Dec 16	11:41 am		Suncor	MOECC Information Email >>>	<p>Update Information E-Mail – Suncor Dock - Diesel Spill to St. Clair River - December 15, 2015 MOECC Reference Number: 2811-A56HAT Date & Time Incident Occurred: December 13, 2015 @ 7:15 am Date & Time Incident Reported to MOECC: December 13, 2015 @ 8:02 am Company Name (if known) and Location of Incident: Suncor Refinery Dock 1900 River Road, Sarnia What has occurred? The Canadian Coast Guard called the Spills Action Centre to report that a tug boat secured to the Suncor refinery dock observed a diesel fuel spill to the St. Clair River from a land based drain valve. Suncor also reported the spill shortly thereafter. A sheen was observed between the dock and the ship that was approximately 30 metres by 6 metres. Suncor confirmed that approximately 1 litre was spilled and the clean-up was completed by 9:40 am. What Actions Were Taken? Absorbent pads and booms were placed by the ship's crew. Suncor staff initiated their emergency response plan and contacted ECRC, a spill response organization, to assist with the clean-up. Suncor called the Spills Action Centre to verify that 2 litres of diesel were spilled, later revised to 1 litre, and that two sets of booms and a vacuum truck were at the dock to remove the sheen. The Spills Action Centre initiated notifications to downstream water users, including Walpole Island First Nation and Wallaceburg water treatment plants, the Chatham-Kent and Lambton Health Units, Michigan State Police, Michigan Department of Environmental Quality, St. Clair Township, Lambton Area Water Supply, Environment Canada, Health Canada, Sarnia</p>	FB

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					<p>Police and Aamjiwnaang First Nation. The ECRC was satisfied with the clean-up. Suncor will be providing further information to the Sarnia District Office regarding procedural changes to reduce the likelihood of a repeat incident.</p> <p>Other agencies involved (if known): Canadian Coast Guard ECRC Transport Canada</p> <p>Updates Expected: No further updates.</p>
Dec 16	11:43 am		Shell	<p>MOECC Information Email >>></p>	<p>Update – Shell Canada Unit Shut down and Flaring December 14, 2015</p> <p>MOECC Reference Number: 1555-A54QE4</p> <p>Date and Time Incident Occurred: December 11, 2015 at 2:02 pm</p> <p>Date and Time Incident Reported to MOECC: December 11, 2015 @ 2:05 pm</p> <p>Company Name (if known) and Location of Incident: Shell Canada Refinery, Corunna</p> <p>What has occurred? Shell Canada contacted the Spills Action Centre to report a larger than normal flare due to a loss of power to a unit.</p> <p>What Action is being taken? The Spills Action Centre notified the Sarnia District Office. An Environmental Officer contacted Shell for further details. As a result of a loss of power, the company shut down the unit. The company called the Spills Action Centre at approximately 4:20 pm on December 11, to report their plan to restart the unit and that flaring and noise associated with the start-up would be anticipated. At approximately 9:15 pm, a resident called the Spills Action Centre to report a very large flare from Shell. Ministry staff contacted the company at approximately 9:19 pm for an update on the start-up. The company reported that the start-up was going as planned and there were no issues. Ministry staff contacted the resident with the update from the company. At approximately 12:12 am on December 12, 2015, the company called the Spills Action Centre to report that the start-up was complete and the flare was back to normal size.</p> <p>Other agencies involved (if known): No other agencies.</p> <p>Updates Expected: No further updates.</p>
Dec 18	4:23 pm		Unknown	<p>MOECC Information Email >>></p>	<p>Initial Notification E-Mail – Odour Complaint at LaSalle Line and St. Clair Parkway</p> <p>MOECC Reference Number:</p>

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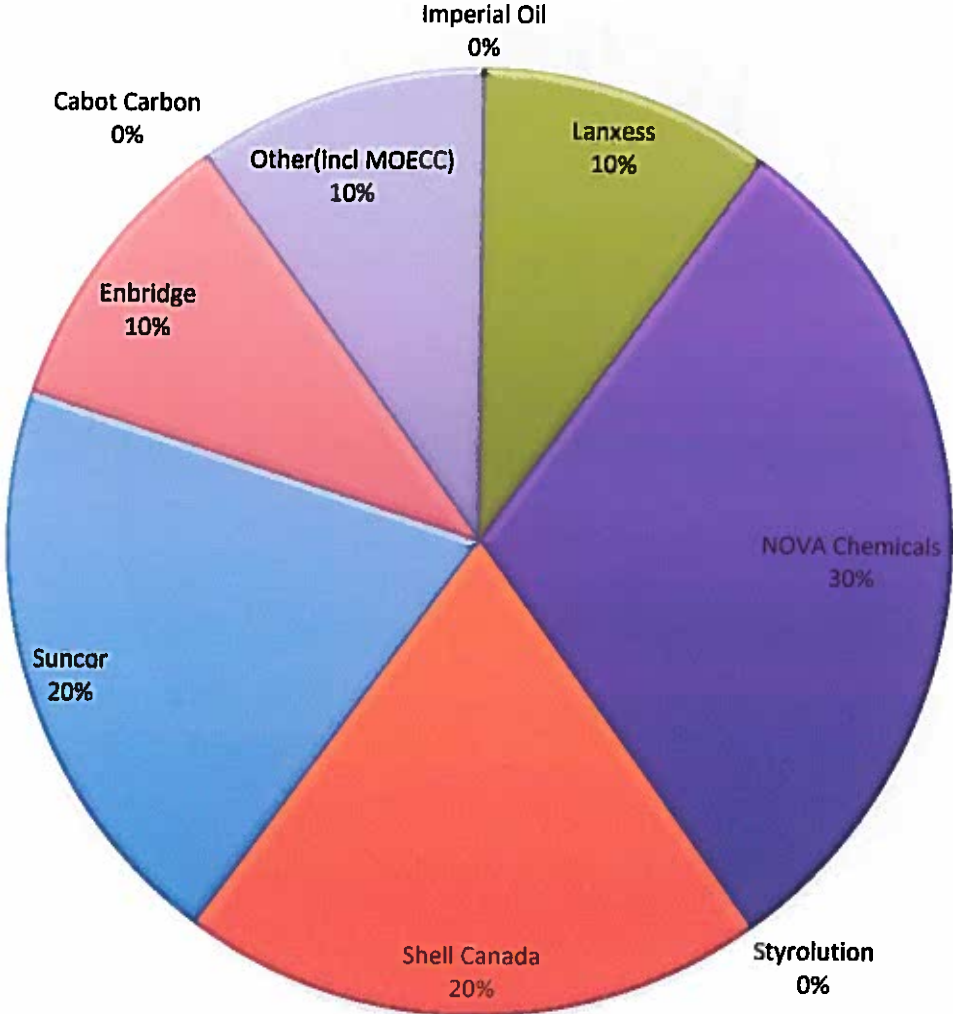
					<p>6730-A57PH7</p> <p>Date and Time of Incident: December 14, 2015 @ 12:40 pm</p> <p>Date and Time Reported to MOECC: December 14, 2015 @ 1:19 pm</p> <p>Company Name (if known) and Location of Incident: Unknown Source, in the vicinity of LaSalle Line and St. Clair Parkway</p> <p>What has occurred? The Ministry's Spills Action Centre received an odour complaint from a resident in the vicinity of LaSalle Line and St. Clair Parkway.</p> <p>What Action is being taken? The Environmental Officer responded to the call at approximately 2:05 pm on December 14, 2015. The officer checked the wind direction, which was from the south southeast, and the air monitoring stations operated by the Sarnia Lambton Environmental Association and the Aamjiwnaang First Nation air monitoring station. There were no unusual readings from the stations. The officer checked the area for odours and called a company in the area. The company confirmed there were no issues that would cause the described odour. The officer called the resident back with the results of the inspection.</p> <p>Other agencies involved (if known): No other agencies involved.</p> <p>Updates Expected: No further updates.</p>	
Dec 31	12:27 pm	12:36 pm	NOVA St. Clair	CVECO Code 8	Code 8 was issued for Nova Saint Clair Site. Site alarm sounding	
Dec 31	3:15 pm	4:36 pm	CN Rail	CVECO Information Notice	An Information has been issued for CN Rail at 431 Russell Street South. Three rail cars have derailed at this location. The cars are still upright, the cars are empty and there are no injuries. This is an information only.	

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Percentages of Incident Notifications Occurring in the Month of December 2015

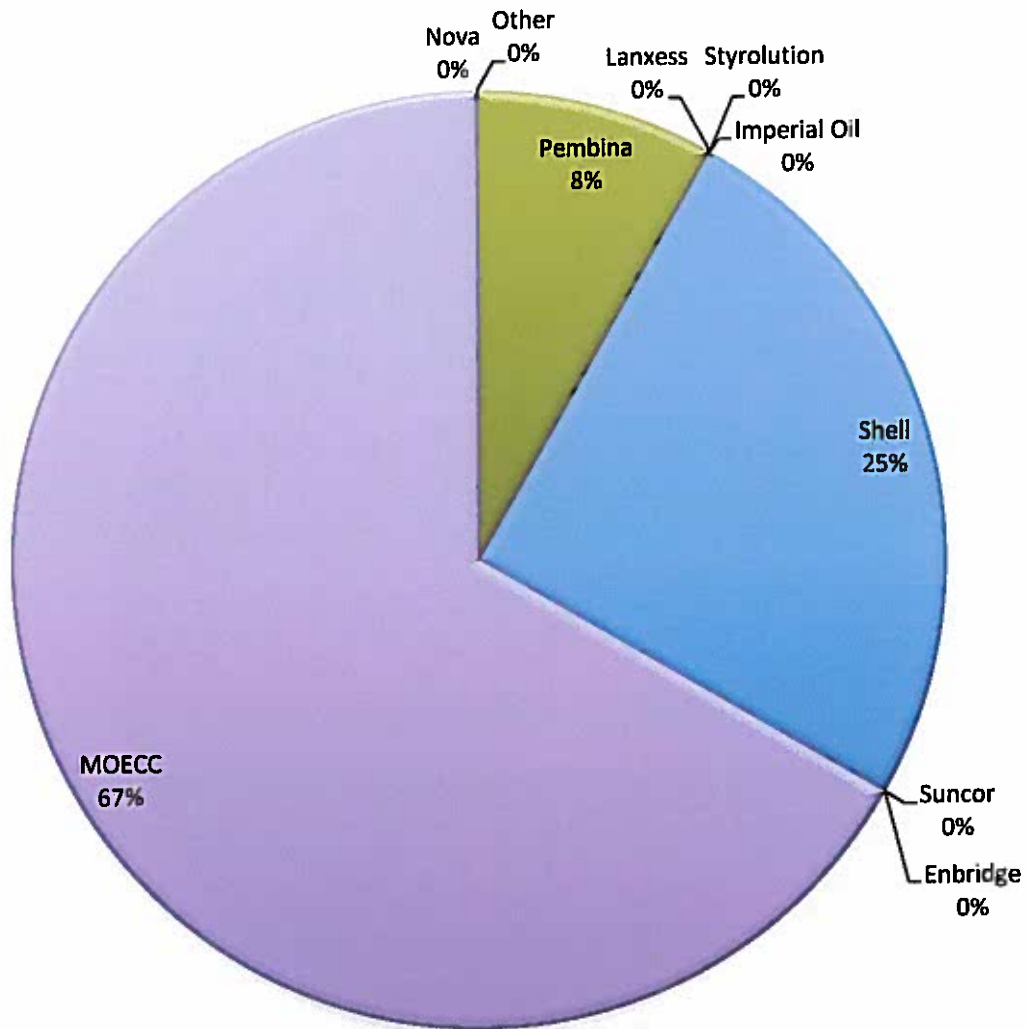


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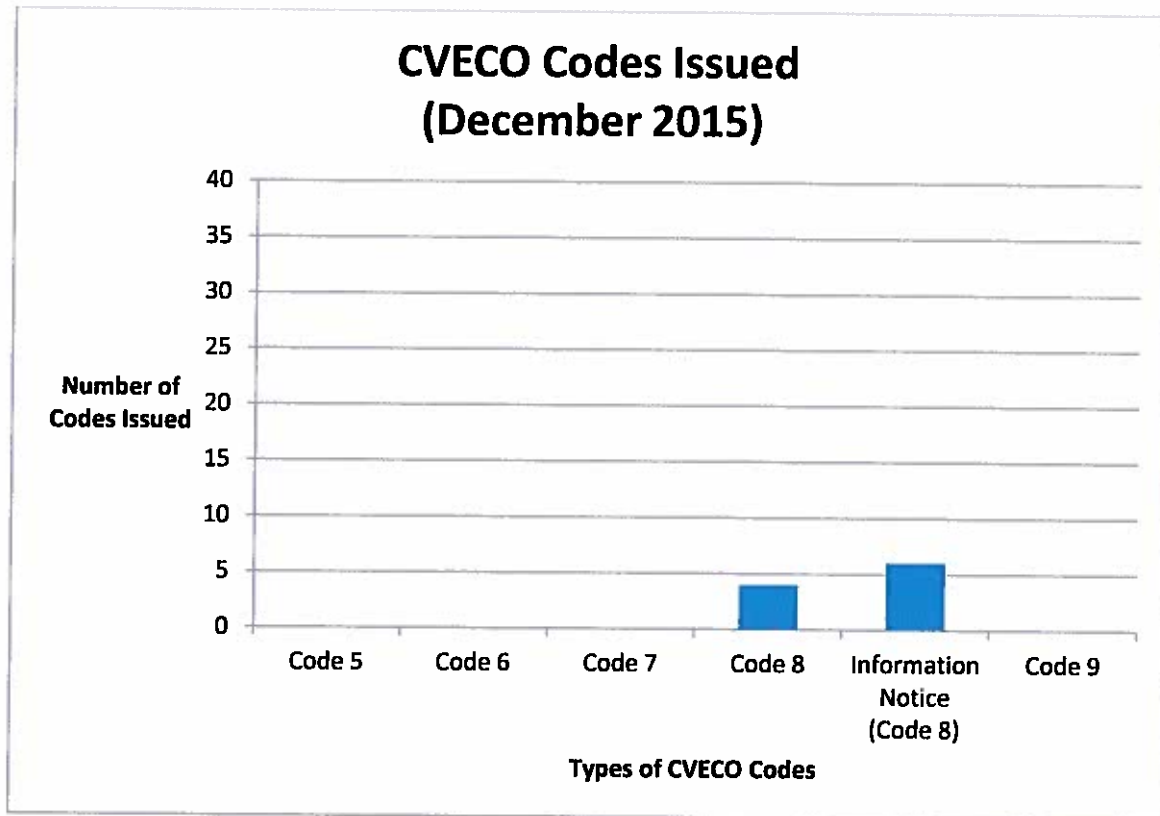
Percentages of Proactive Notifications for the Month of December 2015



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CVECO Assistance Codes:

CODE 5- Incident outside of industry potentially requiring CVECO assistance.

CODE 6- Full traffic control requested in designated areas.

CODE 7- Bomb threat.

CODE 8- Notification by a CVECO member of an internal emergency occurrence. CVECO will take no action under this code.

Information Notice - Advice by a member of a non-emergency activity that may cause an inquiry.

CODE 9- Request for response by Municipal Fire Department.

