

AAMJIWNAANG FIRST NATION

Notification Report

February 2017

Wilson Plain Jr. – Emergency Management Planner

March 1, 2017

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 February 2017.

- 65 notifications were received
- 6 phone calls, 3 text messages, 29 emails and 27 CVECO notifications were received
- 7 CVECO ‘Codes’ were issued. 20 CVECO ‘Information Notices’ were issued.
- 29 Information emails were received from MOECC regarding incidents
- 36 Aamjiwnaang Notifications were sent out (**ANS or FB**)

Community Inquiries: 3 inquiries were received from community members regarding incidents near Aamjiwnaang.

Date	Time of Issue	Time of All Clear	Company	Type of Notice	Description Received	Follow-Up (if required)	ANS or FB
Feb 1	8:09 am	7:52 am Feb 2	Enbridge	CVECO Information Notice	Enbridge Pipeline conducting routine maintenance. Potential for petroleum vapors.		
Feb 1	5:17 pm	2:08 am Feb 6	Shell	CVECO Information Notice	Shell Canada issued an information for start up and possible flaring		
Feb 2	10:15 am	10:19 am	Arlanxeo	CVECO Code 8	Code 8 , Arlanxeo Fire in the Biox unit. They have issued an All Clear prior to being able to send out the page.		
Feb 3	12:56 pm		NOVA Corunna	Email Notification from M. Kreeft >>> CVECO Information Notice >>> MOECC (SAC) Information Email >>>	Beginning Saturday, February 4, NOVA Chemicals’ Corunna Site will shut down for mechanical repairs in the Olefins Unit. The outage is estimated to last 15 to 20 days. Our focus is safe and reliable operations at all times, and one of our planning priorities is to minimize potential impacts to our near neighbours and community. During the first couple of days of the outage, elevated flaring and some increased noise are expected. No disruption to traffic on surrounding roadways is anticipated at this time. Please contact Meaghan Kreeft in Communications at 519-402-1577 should you have any further questions. Information updates will also be shared via the CAER Industry Update line as required. Please call 1-855-4SARNIA or 1-855-472-7642. Meaghan Kreeft Communications Consultant Nova Chemicals, Corunna issued an information for high flare and loud noise due to unit shutdown. Expected to last 15-20 days. MOECC Reference Number: Ref # 0365-AJ8NNY Date and Time that the incident occurred: February 3rd 12:30 Date and Time reported to the MOECC: February 3rd 12:35 Company name (if known) and location of incident: Nova Chemicals, 785 Petrolia Line, Corunna ON. What has occurred? Flaring What action is being taken? Repairs - Maintenance Other agencies involved (if known): N/A Updates expected: Yes	Phone call made to M. Kreeft. She confirmed the situation and anticipated time of unit shutdown and flaring limited to shut down and start up start time.	FB

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Feb 3	6:33 pm		Shell	Text message from K. Zimmer	A planned unit startup is underway at Shell's Chemical Plant on Lasalle Line. As a result, elevated flaring is expected until Sunday, February 5. We will keep the CAER Industry line updated at 1-855-4SARNIA (1-855-472-7642). Please do not hesitate to contact me if you have any questions. Thanks, Kristina.		
Feb 6	1:35 pm		Shell	MOECC Follow Up Email	<p>Here is the response on your question via Chief and Council. Sorry for the delay. We were waiting to hear back from Shell on their MISA data and due to illness, was not able to get it until late last week.</p> <p>Ministry staff observed dead fish of one species while other species of fish were alive and in good condition. The dead fish could also be observed upstream of Shell's outfall. The Shad species of fish are very sensitive to temperature changes and periods of cold temperatures and the weather data for that time showed mild temperatures followed by a sudden drop on December 16, 2016 with a low of -16.2 C and a high of -6.1 C. The cold temperatures continued on December 19, 20 and 21st with a return to milder temperatures on December 22 and 23rd. This short temperature drop would explain the Shad die off in Talfourd Creek as well as other species of fish showing no signs of distress. Natural Shad die-offs in the winter are a common occurrence in this area.</p> <p>Shell Canada reported to the ministry that their outfall analyzer did not detect any contaminants of concern. Shell Canada proactively took samples of Talfourd Creek as a precautionary measure, in the event new information became available that warranted analysis of the samples. Since there were no operational upsets or spills at Shell and ministry observations indicated natural causes, Shell did not proceed with analysis of their samples and ministry staff did not collect samples. Ministry staff obtained Shell's sampling data for their MISA outfall and reviewed the data around the time of the fish die-off (December 17 to December 24, 2016). The data showed that the discharge criteria for the MISA outfall was met during that time.</p> <p>If you have any questions, please give me a call or e-mail.</p> <p>Regards, Annette Verhagen Issues/Project Coordinator Ministry of the Environment and Climate Change</p>	This is the response to my request for further information from MOECC regarding the December report concerning dead fish noticed near Shell's outfall into Talfourd Creek	FB
Feb 10	2:14 pm	2:14 pm	NOVA St Clair	CVECO Code 8	Code 8 was issued Nova saint clair for alarms sounding, all clear issued at the same time for false alarm		
Feb 12	5:23 pm		Shell	Phone call	Kristina Zimmer called to advise of concerns for Facebook posts regarding a fish die-off in Talfourd Creek. She did advise that 'there were no unit upsets at their facility, therefore no CVECO codes were issued. Everything is the plant is operating as per MOECC requirements.'		

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Feb 13	12:04 pm	Unknown	MOECC Email regarding dead fish	<p>There has been no reported spills with the Ministry. A person called SAC to report that he smelled chemicals and benzene the day before (Feb. 11) and linked this odour to the fish die-off and reported to SAC on Feb. 12th.</p> <p>An EO has attended the site this morning and observed dead shad but other fish and waterfowl were in good condition. There was no sheen or odours in the creek and we called Shell to confirm there were no upsets or issues with their operations. All was normal and discharge parameters were normal. There was no testing because the species was Shad and other fish were in good condition. There has been temperature fluctuations and dead shad were observed in the CSX basin as well. I am not aware of anyone cleaning up the fish.</p> <p>If you have any questions, please give me a call or e-mail.</p> <p>Regards, Annette Verhagen Issues/Project Coordinator Ministry of the Environment and Climate Change</p>		FB
Feb 13	5:24 pm	Unknown	MOECC Initial Information Email >>>	<p>Initial Information E-mail for Aamjiwnaang First Nation –Report of Dead Fish in Talfourd Creek, near St. Clair River</p> <p>MOECC Reference Number: 4407-AJHLSU</p> <p>Date and Time that Incident Occurred: February 11, 2017 @ 7:00 pm</p> <p>Date and Time reported to MOECC: February 12, 2017 @ 11:01 am</p> <p>Company Name (if known) and Location of Incident: Talfourd Creek and St. Clair River</p> <p>What has occurred? The ministry's Spills Action Centre received a call from a resident to report dead fish at the mouth of Talfourd Creek where it meets the St. Clair River. The resident also observed a chemical smell and identified benzene as the odour the day before (February 11, 2017). There were no reported spills or issues with Shell Canada or other companies in the area and ministry staff observed dead fish of one species while other species of fish were alive and in good condition in Talfourd Creek. Ministry staff noted there was no sheen or odours in or around Talfourd Creek. A similar issue was observed with a call to the Spills Action Centre by a Shell Canada employee on February 1, 2017 (see Incident Report # 6287-AJ6SRC). Ministry staff inspected the area on February 2, 2017 and found dead fish of one species while other species were alive. Shell Canada also confirmed with the ministry there were no issues with their operations and the analyzer results of their outfall were all normal. A similar issue was identified on December 23, 2016 where temperature fluctuations caused a fish die-off in Talfourd Creek near the St. Clair River (see Incident Report # 3887-AGX4Z8). Ministry staff had responded to the area with an inspection and found fish die-off of a</p>	Follow up information on reports of dead gizzard shad in Talfourd Creek on Feb. 11/17. Related to similar event reported to MOECC on Dec. 23/16.	FB

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					<p>similar species while other species of fish were alive.</p> <p>What action is being taken? Ministry staff were notified of the fish die off on February 12, 2017. Ministry staff inspected the area on February 13, 2017 at approximately 9:45 am. Ministry staff observed dead fish of one species in the St. Clair River upstream of Talfourd Creek and within Talfourd Creek where it empties into the St. Clair River. Ministry staff noted no sheen or odour in or around Talfourd Creek. Other species of fish and waterfowl were alive and in good condition on Talfourd Creek. Ministry staff contacted Shell Canada and confirmed that the company has been operating normally without any upsets or spills and their discharge parameters were normal. Temperature fluctuations have been occurring in the area, which usually triggers a fish die-off of the Shad species.</p> <p>Other agencies involved (if known): No other agencies.</p> <p>Updates Expected: No further updates</p>		
Feb 13	8:28 pm	8:59 pm Code 8 6:47 am INFO	Shell	<p>MOECC (SAC) Information Email >>></p> <p>CVECO Code 8</p> <p>CVECO Information Notice</p>	<p>MOECC Reference Number: 1440-AJK3H6 Date and Time that the incident occurred: 02/13/2017, 20:15 Date and Time reported to the MOECC: 02/13/2017, 20:15 Company name (if known) and location of incident: Shell Canada What has occurred? Process malfunction, possible flaring What action is being taken? Process is being fixed. Other agencies involved (if known): N/A Updates expected: yes</p> <p>Code 8 was issued for Shell Canada at 150 Saint Clair Parkway in Corunna for a unit shut down. Code 8 at Shell Canada at 150 Saint Clair Parkway in Corunna has been downgraded to an information only.</p>		ANS
Feb 15	9:04 am		Enbridge	<p>CVECO Information Notice</p>	<p>Enbridge will be conducting routine maintenance at its facility at 1010 plank road members of public may notice petroleum odour</p>		ANS
Feb 15	4:13 pm		Suncor	<p>MOECC (SAC) Information Email >>></p>	<p>MOECC Reference Number: I5777-AJLSHU Date and Time that the incident occurred: 2017/02/15 15:55 Date and Time reported to the MOECC: 2017/02/15 15:50 Company name (if known) and location of incident: Suncor, 1900 River Road, Sarnia What has occurred? Venting CO2, water vapour - Possible increased noise What action is being taken? Perimeter noise monitoring, MOECC Sarnia briefed Updates expected: Yes</p>		FB

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Feb 15	4:17 pm		Suncor	Email from J. Johnson	Due to an interruption in service from a third-party provider, the Suncor Sarnia refinery will be venting for the next little while. This is expected to continue until the third-party issues are addressed. During this time neighbours will notice an increase in noise and a plume of steam. This activity has been communicated to the Ministry of the Environment and Climate Change and CVECO. I have also recorded the information to the CAER Industry Update Line (1-855-472-7642) for community members to access. Let me know if you have any questions, Jennifer Johnson		FB
Feb 15	4:20 pm	7:04 pm	Praxair	MOECC (SAC) Information Email >>> CVECO Information Notice	MOECC Reference Number: 4263-AJLSCC Date and Time that the incident occurred: 02/15/2017 15:30 Date and Time reported to the MOECC: 02/15/2017 15:45 Company name (if known) and location of incident: Praxair, 1832 Vidal St S, Sarnia What has occurred? -condensate water spilt to ditch, contained What action is being taken? -line isolated, no longer spilling Other agencies involved (if known): -local MOECC Sarnia office Updates expected: yes Pipeline leak from a three inch plastic line at Praxair 1835 Vidal Street South. It was a water condensate leak only. It was bubbling but has stopped now and is contained.		FB
Feb 15	4:53 pm	12:01 pm Feb 20	Suncor	CVECO Information Notice	Please be advised that the Suncor Sarnia refinery will be venting CO2 at this time in plant 3. As a result, there may be the possibility of increased noise in the area during the venting process.		FB
Feb 16	1:45 pm	3:40 pm Feb 22	NOVA	Email update for unit start up	Further to email below, on Friday, February 17, NOVA Chemicals' Corunna Site will begin its start-up process after completing mechanical repairs in the Olefins Unit. During the next couple of days, elevated flaring and some increased noise are expected. If you have any questions, please contact me at 519-402-1577. Information updates will also be shared via the CAER Industry Update line as required. Please call 1-855-4SARNIA or 1-855-472-7642. With thanks, Meaghan Kreeft Communications Consultant Manufacturing East Communications NOVA Chemicals Corporation		FB
Feb 17	8:12 am	2:51 pm Feb 19	Suncor	MOECC (SAC) Information email >>>	MOECC Reference Number: 1728-AJNH3T Date and Time that the incident occurred: 2017/02/17 07:30 Date and Time reported to the MOECC: 2017/02/17 07:50 Company name (if known) and location of incident: Suncor Sarnia Refinery, Sarnia What has occurred? Potential flaring due to unplanned maintenance.		ANS /FB

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				<p style="text-align: center;">CVECO Information Notice</p> <p style="text-align: center;">Email from Suncor, J. Johnson</p>	<p>What action is being taken? Notifications to MOECC and CVECO and repairing the equipment. Other agencies involved (if known): CVECO Updates expected: No</p> <p>Information at Suncor. Controlled shut down at flare gas recovery unit.. Potential for increased flaring and noise from main refinery flare stack</p> <p>The Suncor Sarnia refinery is currently conducting maintenance on its Flare Gas Recovery Unit. We are working to complete this work quickly and safely. During this time, intermittent periods of increased flaring are possible. Of course, our focus is on minimizing flaring and that will continue to be our focus during this work. Also, the steam venting reported on Wednesday afternoon is expected to continue through the weekend. We are working with the third-party provider to ensure things return to regular operating state as soon as possible. We have notified CVECO and the MOECC about both these activities. This information has also been recorded to the CAER Industry Update Line (1-855-472-7642) for community members to access. Please let me know if you have any questions, Jennifer</p>		
Feb 18	3:30 pm		NOVA Corunna	<p style="text-align: center;">MOECC (SAC) Information Email >>></p>	<p>MOECC Reference Number: 3522-AJPNT2 Date and Time that the incident occurred: 2017/02/18 at 12:15 Date and Time reported to the MOECC: 2017/02/18 at 12:43 Company name (if known) and location of incident: Nova Chemicals Corporation at 785 Petrolia Line What has occurred? First reported by a concerned resident as an odour complaint for Nova Chemicals. Nova Chemicals was aware of odour due to mechanical failure during start-up. What action is being taken? Nova Chemicals had stopped start-up process and investigating issue. Other agencies involved (if known): MOECC District Office ERP Updates expected: No</p>	Initial start up process stopped after resident complaint of odour. Will re-start after corrective actions complete	FB
Feb 20	4:44 am		NOVA Corunna	<p style="text-align: center;">MOECC (SAC) Information Email >>></p>	<p>MOECC Reference Number: 8714-AJRD4L Date and Time that the incident occurred: 2017/02/20 @ 0420h Date and Time reported to the MOECC: 2017/02/20 @ 0425h Company name (if known) and location of incident: NOVA Chemicals Canada Ltd. 785 Petrolia Line What has occurred? Flaring. What action is being taken? MOECC SAC notified. Other agencies involved (if known): No. Updates expected: Yes, when flaring ends.</p>	Flaring at start up of unit.	

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Feb 20	10:52 am	11:38 am	CN Rail	CVECO Information Notice	CN RAIL DISPATCH ADVISING OF AN EMPTY PETROLEUM GAS CAR THAT HAS COME OFF THE TRACK AT St.ANDREW AND SCOTT ROAD		
Feb 20	12:17 pm		Unknown	MOECC (SAC) Information Email >>>	<p>MOECC Reference Number: 6106-AJRMDG Date and Time that the incident occurred: 2017/02/20 11:25 Date and Time reported to the MOECC: 2017/02/20 11:31 Company name (if known) and location of incident: Unknown - Sarnia What has occurred? SAC received a complaint for a butane like odour in the Sarnia area. What action is being taken? SAC and Sarnia MOECC Environmental Officer notified Updates expected: YES</p>	Community Complaint to SAC. Follow-up report forthcoming	
Feb 21	1:42 pm		Ineos Styrolution	<p>CVECO Code 8</p> <p>MOECC (SAC) Information Email >>></p>	<p>Code 8 was issued for Nova Styrolution 872 Tashmoo Avenue for Unit upset high flaring.</p> <p>MOECC Reference Number: 8706-AJSR82 Date and Time that the incident occurred: 2017/02/21 ongoing Date and Time reported to the MOECC: 2017/02/21 at 14:47 Company name (if known) and location of incident: Ineos Styrolution Canada Ltd 872 Tashmoo Ave, Sarnia What has occurred? hydrocarbon release What action is being taken? District Office has been notified Other agencies involved (if known): District Office has been notified Updates expected: NO</p>	Styrolution staff contacted (2 phone calls): Hydro-carbon is being flared. Perimeter monitoring taking place by third party. No adverse readings. MOECC notified	ANS
Feb 21	2:56 pm	8:42 am Feb 22	Shell	<p>CVECO Information Notice</p> <p>MOECC (SAC) Information Email >>></p>	<p>Shell is issuing an information for unit shutdown of the boiler with possible high flaring CORRECTION: UPDATE FOR INFORMATION AT SHELL THERE IS NO HIGH FLARE IT IS STEAM VENTING FROM BOILER AND POSSIBLE LOUD NOISE DUE TO UNIT SHUT DOWN</p> <p>MOECC Reference Number: 6747-AJSR6Y Date and Time that the incident occurred: 2017/02/21 14:45 Date and Time reported to the MOECC: 2017/02/21 14:45 Company name (if known) and location of incident: Shell Canada 150 St. Clair Pky Corunna, St. Clair, Township, County of Lambton What has occurred? Steam venting, possible increased noise What action is being taken? SAC, Sarnia MOECC notified Updates expected: No</p>		ANS /FB

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Feb 22	2:17 pm	7:52 am Feb 23	Enbridge	CVECO Information Notice	Enbridge at 1010 plank road issued and information for petroleum odor during routine maintenance between six pm and 9pm tonight		ANS
Feb 23	3:36 pm		Imperial Oil	MOECC (SAC) Information Email >>>	<p>MOECC Reference Number: 5023-AJURET</p> <p>Date and Time that the incident occurred: 2017/02/23 at 14:30</p> <p>Date and Time reported to the MOECC: 2017/02/23 at 14:58</p> <p>Company name (if known) and location of incident: Imperial Oil, 602 Christina St South</p> <p>What has occurred? 1 minute release of propylene to atmosphere</p> <p>What action is being taken? District Office notified</p> <p>Other agencies involved (if known): District Office notified</p> <p>Updates expected: NO</p>	Advised by MOECC that no CVECO Code was issued for this event.	
Feb 23	6:28 pm	8:38 pm	Imperial Oil	CVECO Information Notice Code 8	Information only issued for Imperial Oil at 602 Christina Street South for high flaring due to unit upset. (Code 8)		ANS
Feb 23	6:31 pm	7:25 pm	Arlanxeo	CVECO Code 8	Code 8 was issued for Arlanxeo at 1265 Vidal Street South. Arlanxeo fire department is responding for a small grass fire.		ANS
Feb 23	6:42 am		Imperial Oil	Email from J. Harding	Imperial personnel are currently responding to an operating issue and as a result there is significant flaring at Imperial Sarnia Site. More information will be provided as soon as it becomes available.		FB
Feb 23	6:49 pm	7:05 pm	Imperial Oil	CVECO Information Notice	Information only issued for Imperial Oil for medical emergency on site. Ambulance responding.		
Feb 23	7:00 pm		Imperial Oil`	Information Bulletin Issued from Imperial Oil	<p>Imperial responding to operating issue, grass fire Sarnia (Thursday, Feb. 23, 2017) – Imperial personnel are responding to an operating issue at Sarnia Site and as a result of the issue there is visible flaring.</p> <p>The issue occurred at approximately 6:20 p.m. The site’s emergency warning sirens were activated to alert personnel onsite to respond. The Sarnia CVECO organization has been notified and Imperial has also notified the City of Sarnia. Shortly after responding to the operating issue, Imperial fire response personnel assisted in extinguishing a grass fire on public property to the south of Imperial’s site.</p> <p>Imperial will investigate the cause of the operating issue and personnel will work to restore normal operations as safely and quickly as possible.</p> <p>Imperial has notified the Ministry of the Environment and Climate Change.</p> <p>There are no reports injuries.</p> <p>Media with further questions should contact Imperial at 519 339-4015</p>	Sarnia Fire responded to grass fire call since the property is in a public area. Imperial Oil and Arlanxeo assisted in extinguishing small grass fire. J. Harding has committed to sending final reports on this incident.	FB
Feb 23	8:22 pm		Imperial Oil	MOECC (SAC) Information Email >>>	<p>MOECC Reference Number: 8588-AJUVNE</p> <p>Date and Time that the incident occurred: 2017/02/23 18:15</p> <p>Date and Time reported to the MOECC: 2017/02/23 18:34</p>		FB

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					<p>Company name (if known) and location of incident: Imperial Oil Refinery - 602 Christina Street South, Sarnia</p> <p>What has occurred? Heavy flaring due to mechanical issues and an outdoor grass fire on site.</p> <p>What action is being taken? Downstream Air Monitoring and investigating the cause of the mechanical issues and the outdoor grass fire.</p> <p>Other agencies involved (if known): CVECO notification MOECC Sarnia ERP Municipal fire department and Imperial Oil Fire department</p> <p>Updates expected: No</p>	
Feb 23	10:04 pm	5:37 am Feb 24	CF Industries	CVECO Information Notice	Information only issued for CF Industries at 161 Bickford Line, Sombra for planned unit shutdown and high flaring.	
Feb 24	11:29 am		Shell	MOECC (SAC) Information Email >>>	<p>MOECC Reference Number: 7320-AJVLf9</p> <p>Date and Time that the incident occurred: 2017/02/24, 10:30</p> <p>Date and Time reported to the MOECC: 2017/02/24, 10:42</p> <p>Company name (if known) and location of incident: Shell Canada Sarnia, 130 St. Clair Pkwy</p> <p>What has occurred? Shell Canada is reporting that they are conducting quarterly preventative maintenance and expect no environmental impacts (flaring, vapours, odours).</p> <p>What action is being taken? Shell Canada expects the maintenance work to be complete by 12:30.</p> <p>Other agencies involved (if known): N/A</p> <p>Updates expected: NO</p>	FB
Feb 24	1:53 pm	10:03 am Feb 27	Enbridge	CVECO Information Notice	Enbridge pipelines will be conducting routine maintenance at its facility at 225 LaSalle Rd between river road and highway 40. Members of the public may notice petroleum odours. Work is scheduled to commence on Saturday February 25th at 9am and concluded by 4pm. The notification will be cleared on Monday February 27th at 7:30am	ANS /FB
Feb 24	5:21 pm		Imperial Oil	Information Bulletin Issued from Imperial Oil	<p>Imperial Sarnia coker restarting (Feb. 24, 2017) – The coker unit at Imperial’s Sarnia manufacturing site is in the process of restarting following an internal operating issue at the site the evening of Feb. 23, 2107. As a result, the plume from the site’s main boiler stack may occasionally be darker than normal. Personnel are taking steps to minimize emissions during the restart process. Imperial does not expect emissions during restart to exceed government guidelines.</p> <p>The Ministry of Environment and Climate Change and the community have been notified.</p>	FB

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					Members of the public who would like more information can call Imperial's 24-hour plant operations line at 519-339-5666. Media should contact Imperial community affairs at 519 339-4015.		
Feb 24	5:24 pm	Imperial Oil	MOECC Update Information Email >>>	<p>Update Information E-mail for Aamjiwnaang First Nation – Imperial Oil- Heavy flaring and grass fire</p> <p>MOECC Reference Number: 8588-AJUVNE Date and Time that the incident occurred: February 23, 2017 @ 6:15 pm Date and Time reported to the MOECC: February 23, 2017 @ 6:34 pm Company name (if known) and location of incident: Imperial Oil Refinery – 602 Christina Street South, Sarnia</p> <p>What has occurred? The company called the Ministry's Spills Action Centre to report heavy flaring due to mechanical issues and the shutdown of several units, as well as an outdoor grass fire at the south end of their site just beyond their fence line. Wind direction was from the northeast. The cause of the mechanical issue and fire is unknown. The fire was put out by 7:32 pm. The flaring subsided at approximately 11:30 pm on February 23, 2017 and is ongoing. The company is in the process of assessing the equipment and will plan to restart the units when the repairs to equipment are made. Air monitoring results and air monitoring stations did not detect contaminants, including volatile organic compounds and hydrogen sulphide. All flares were functioning properly as a safe and controlled way to burn materials left over in the processing units.</p> <p>What action is being taken? The company issued a CVECO notification to local municipalities and Aamjiwnaang First Nation of the flaring and conducted air monitoring downwind of their facility. The company hired a third party consultant to conduct air monitoring throughout the night. Ministry staff attended the site to gather additional details of the mechanical issues and flaring at approximately 9:02 pm. Company staff continued to monitor air quality downwind. There was no detection of contaminants with the air monitoring. Ministry staff checked air monitoring station data, including the Aamjiwnaang First Nation air station. There were no unusual readings from these stations. The Spills Action Centre notified Aamjiwnaang First Nation, Environment Canada, Health Canada, and Michigan Department of Environmental Quality. An odour complaint was received from a resident of Aamjiwnaang First Nation at approximately 8:39 pm. Ministry staff checked the area for odours and found a slight odour in the vicinity of Churchill Line and Vidal St. South. Ministry staff informed Imperial Oil of the odours and to conduct air monitoring in the area.</p>		FB	

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					<p>There was no detection of contaminants, including volatile organic compounds with the monitors. Ministry staff contacted the company in the morning of February 24, 2017 for an update and returned to the site at approximately 11:00 am. The company has provided the third party consultant's air monitoring data for ministry review. Ministry staff reviewed this data and have not identified any abnormal contaminant levels in the air. Ministry staff will be receiving air modelling data for the flare and a root cause analysis report on the cause of the malfunction and flaring. The ministry will review this additional information once received, including flare operating conditions to determine if there is any correlation between the flare operation and the occurrence of the grass fire, and whether there are any non-compliance or preventative measures issues that require further action. The company is currently assessing the equipment and plans to re-start the units.</p> <p>Other agencies involved (if known): Chemical Valley Emergency Coordinating Organization Municipal fire department</p> <p>Updates expected: No further updates expected.</p>		
Feb 24	6:05 pm		Imperial Oil	CVECO Information Notice	Imperial Sarnia coker unit restarting. Plume from the sites main boiler stack may be darker than normal.		ANS
Feb 24	10:52 pm		NOVA Chemicals	CVECO Information Notice	Nova Corunna issued information regarding high flaring due to unit upset		
Feb 27	3:50 am		Imperial Oil	CVECO Information Notice	Imperial Oil issued information for excessive noise due to flaring.		
Feb 27	1:46 pm	3:34 pm	Imperial Oil	CVECO Code 8	Code 8 was issued for imperial oil at 602 Christina street south. They have a small contained leak of light hydrocarbon.	J. Harding Contacted regarding this incident for follow-up	ANS
Feb 27	2:12 pm		Suncor	Email Notification from J. Johnson	<p>The Suncor Sarnia refinery has taken its Flare Gas Recovery Unit offline in order to execute repairs to address a minor mechanical issue. As a result, there is the potential for intermittent periods of visible flaring and increases in noise during this time. As always, we will work to minimize the need for flaring.</p> <p>This activity is being communicated to the Ministry of the Environment and Climate Change and CVECO. I have also recorded this information to the CAER Industry Update Line (1-855-472-7642) for community members to access as well. Please let me know if you have any questions,</p> <p>Jennifer Johnson Senior Advisor, Communications & Stakeholder Relations Suncor Energy, Sarnia Refinery</p>		FB
Feb 27	2:41 pm		Imperial Oil	Information Bulletin Issued from Imperial Oil	<p><u>Imperial responding to small hydrocarbon leak from line</u> Sarnia (Monday, Feb. 27, 2017) – Imperial personnel are responding to a small leak of liquid hydrocarbon from a line on Imperial's property in Sarnia.</p>	Information from J. Harding- "Slop" material was being removed and some material (1-2 gallons) spilled to contained	FB

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					<p>The leak was identified at approximately 1 p.m. and was quickly contained. Imperial estimates the quantity of the leak is less than 10 litres. The material is in the process of being recovered. Imperial is monitoring air quality in close proximity to the leak and has not identified any impacts. Imperial will continue to monitor air quality while the issue is resolved.</p> <p>There is no need for the public to take action. The CVECO organization and the Ministry of the Environment and Climate Change have been notified.</p> <p>Imperial will investigate the cause of the leak. There are no reports of injuries.</p> <p>Media with further questions should contact Imperial at 519 339-4015</p>	<p>area. Cleaned up with vac truck. Air monitoring was done with no recordable VOC emissions from this incident. Incident was reported to MOECC (Report # 3433-AJYQ2X)</p>	
Feb 27	3:00 pm	Suncor	MOECC (SAC) Information Email >>>	<p>MOECC Reference Number: 5275-AJYQJJ Date and Time that the incident occurred: 2017/02/27 14:00 Date and Time reported to the MOECC: 2017/02/27 14:12 Company name (if known) and location of incident: Suncor - Sarnia Refinery What has occurred? Possible visible flaring What action is being taken? MOECC District Office has been notified Other agencies involved (if known): MOECC District Office has been notified Updates expected: No</p>		FB	
Feb 27	3:24 pm	Imperial Oil	MOECC (SAC) Information Email >>>	<p>MOECC Reference Number: 3433-AJYQ2X Date and Time that the incident occurred: 2017/02/- 27 13:41 Date and Time reported to the MOECC: 2017/02/27 - 13:47 Company name (if known) and location of incident: Imperial Oil - 602 Christina St. S. What has occurred? 1-2 gal of light hydrocarbon to asphalt What action is being taken? Granular absorbent put down and cleaned up Other agencies involved (if known): n/a Updates expected: no</p>		FB	
Feb 27	3:46 pm	Imperial Oil	Information Bulletin Issued from Imperial Oil	<p>All clear issued for small hydrocarbon leak at Imperial Sarnia (Monday, Feb. 27, 2017) – Imperial personnel have responded to a small leak of liquid hydrocarbon from a line on Imperial’s property in Sarnia.</p> <p>The leak was identified at approximately 1 p.m., it was quickly contained and stopped and an all-clear was issued at 3:33 p.m.</p> <p>Imperial monitored air quality in the vicinity of the leak and did not identify impacts.</p> <p>The CVECO organization and the Ministry of the Environment and Climate Change have been notified.</p> <p>Imperial will investigate the cause of the leak. There are no reports of injuries.</p> <p>Media with further questions should contact Imperial at 519 339-4015</p>		FB	

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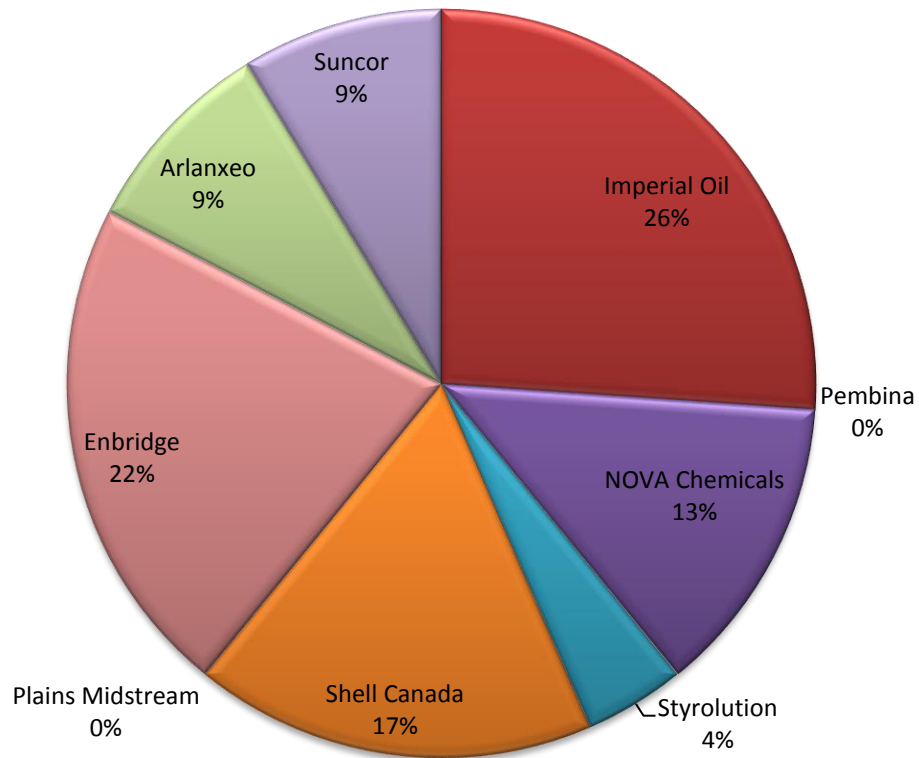
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Feb 28	8:02 am	3:51 pm	Enbridge	CVECO Information Notice	ENBRIDGE PIPELINES ISSUING INFORMATION AS THEY ARE CONDUCTING ROUTINE MAINTENANCE AT 1010 PLANK ROAD AND MEMBERS OF THE PUBLIC MAY NOTICE PETROLEUM ODOURS. WORK IS SCHEDULED TO CONCLUDE AT 1600 HOURS ON FEBRUARY 28TH		
Feb 28	3:59 pm		NOVA Chemicals	Email from M. Kreeft	As you may know from our CVECO and CAER notifications, the Olefins Unit at the Corunna Site tripped on Friday, February 24 during a severe thunderstorm and we had to bring the unit down. As we proceed with unit start-up this week, some increased noise may occur and periods of elevated flaring are expected. Should you have any further questions, please contact me at 519-402-1577. Information updates will also be shared via the CAER Industry Update line as required. Please call 1-855-4SARNIA or 1-855-472-7642. With thanks, Meaghan Kreeft Communications Consultant		FB
Feb 28	9:10 pm		CF Industries	CVECO Information Notice	CF industries at 161 Bickford Line issuing an information for Nitrogen complex scheduled planned unit start up resulting in the possibility of high flaring and loud noise.		

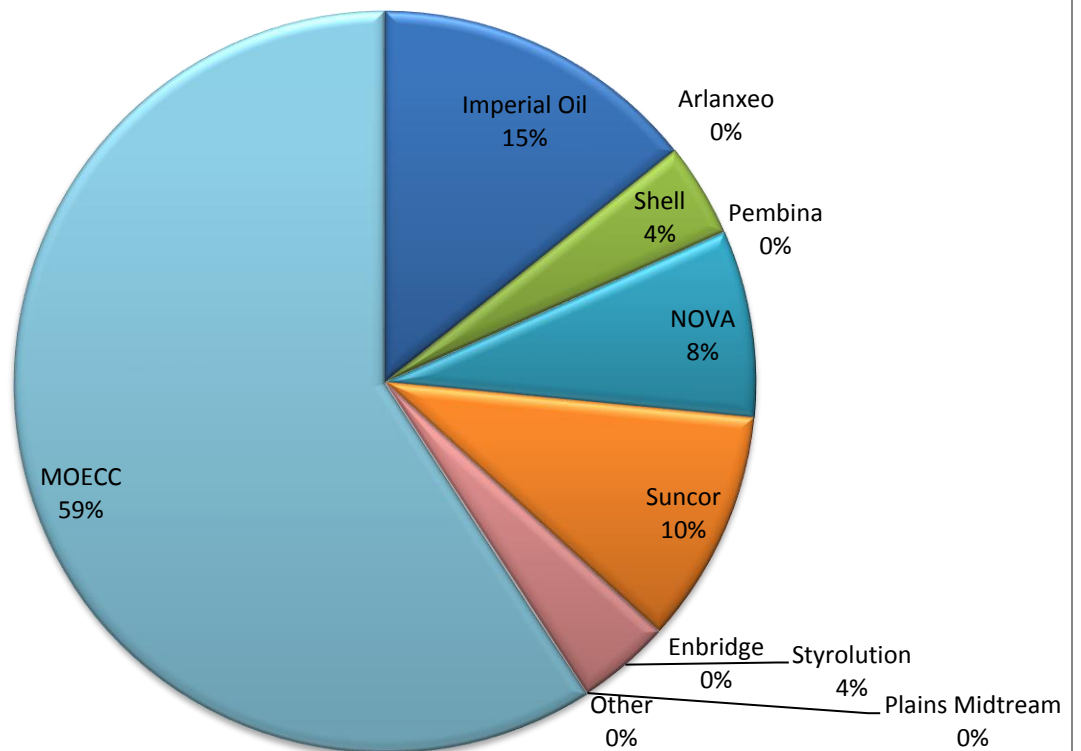
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Incident Notifications for the Month of February 2017

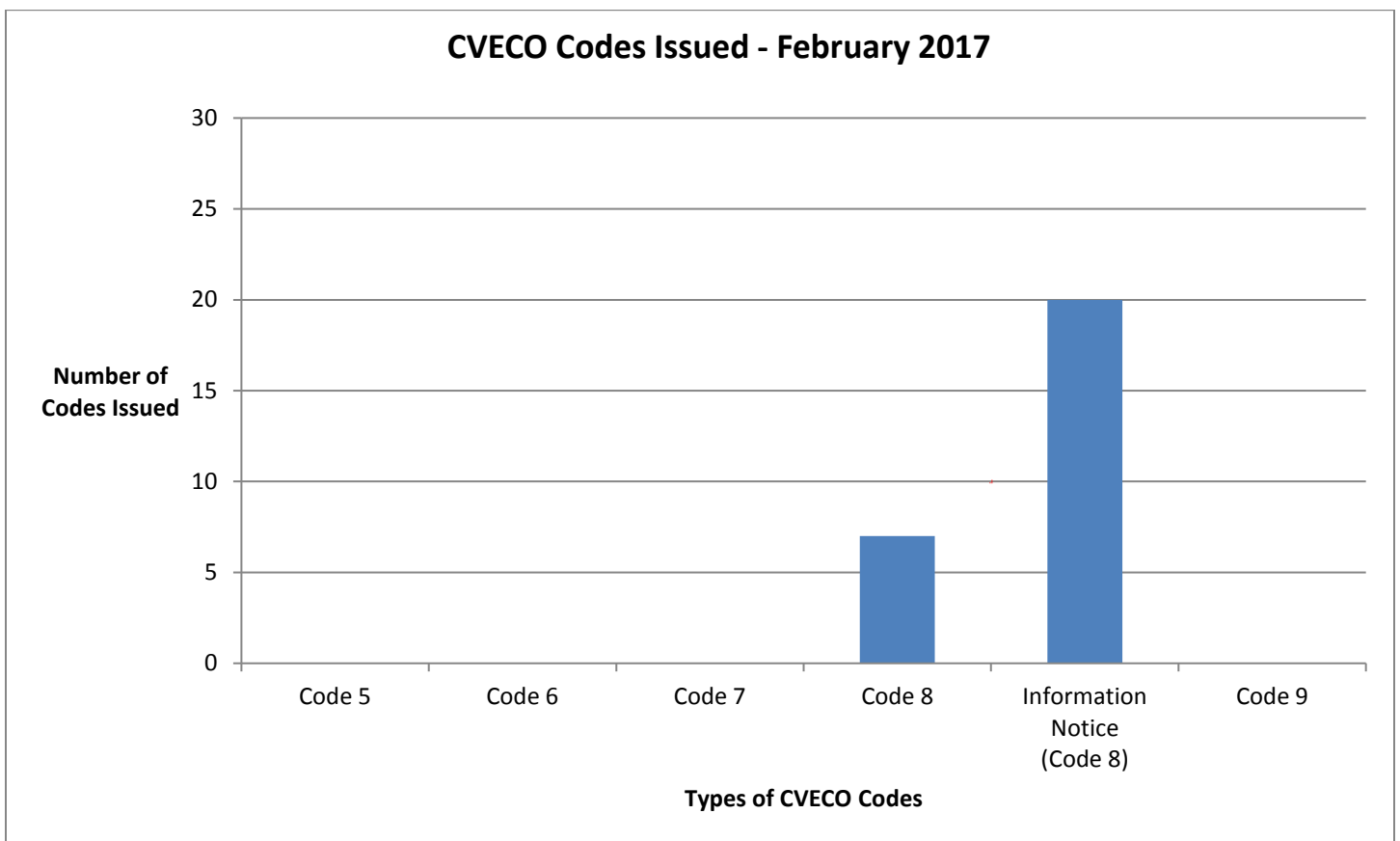


Proactive Notifications for the Month of February 2017



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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 (Code 8)- Advice by a member of a non-emergency activity that may cause an inquiry.

CODE 9- Request for response by Municipal Fire Department. (Includes Codes 91 and Code 92-Specific Fire Equipment)