

AAMJIWNAANG FIRST NATION

# Notification Report

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January 2018

**Wilson Plain Jr. – Emergency Management Planner**

**February 2, 2018**

Report of notifications received from local industries, CVECO, Ministry of the Environment and Climate Change (MOECC) including Spills Action Centre (SAC) and MyCNN notifications.

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Incidents reported for the month of January 2018.

- 77 notifications were received
- No phone calls, 1 text message, 15 emails and 37 CVECO notifications were received
- 8 CVECO 'Codes' were issued. 29 CVECO 'Information Notices' were issued.
- 18 Aamjiwnaang Notifications were sent out (**ANS or FB**)

**Ministry of the Environment and Climate Change (MOECC) Information/Update emails received: 24**

**Community Inquiries:** No 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
Jan 3	10:16 pm	2:07 am Jan 4	Imperial	CVECO Information	Imperial Oil advised of High Flaring		
Jan 4	6:44 am	5:02 am Jan 8	Shell Canada	CVECO Information	Information only issued by Shell Canada, 150 St Clair Parkway for high flaring and loud noise due to unit upset.		
Jan 4	6:53 am		Shell Canada	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 6678-AUPFDX  <b>Date and Time that the incident occurred:</b> Jan 4th, 06:00  <b>Date and Time reported to the MOECC:</b> Jan 4th 06:24  <b>Company name (if known) and location of incident:</b> Shell Sarnia Manufacturing - 150 St Clair Pky  <b>What has occurred?</b> Larger than normal flaring with possible noise  <b>What action is being taken?</b> monitoring  <b>Other agencies involved (if known):</b> N/A  <b>Updates expected:</b> No</p>		
Jan 4	10:40 am	3:54 pm Jan 10	Shell Canada	CVECO Information	Information only update for Shell Canada ,150 St Clair Parkway, for loud noise and high flare now for unit start up.		
Jan 4	4:23 pm		Shell Canada	MOECC Information Email>>>	<p>Update Information E-mail for Aamjiwnaang First Nation – Shell Canada and Third Party Air Monitoring Inquiry  <b>MOECC Reference Number:</b> 2560-AUJPSK  <b>Date and Time that the incident occurred:</b> December 30, 2017  <b>Date and Time reported to the MOECC:</b> December 30, 2017 @ 1:34 pm  <b>Company name (if known) and location of incident:</b> Shell Canada, 150 St. Clair Parkway, St.Clair Township.  <b>What has occurred?</b> This update is for a complaint received by the ministry's Spills Action Centre on December 30, 2017. A resident of Aamjiwnaang First Nation called the Spills Action Centre to ask about third party monitoring that was observed around the Shell refinery. The resident noted that the company had been flaring for the past month and the flare was not particularly large at the time of the call.  <b>What action is being taken?</b> On December 27, 2017, ministry staff reviewed the Aamjiwnaang First Nation air monitoring station data before the ministry received the resident's call on December 30, 2017. Ministry staff observed that the Aamjiwnaang First Nation air monitoring equipment's station data was reporting elevated benzene levels beginning on December 25, 2017 and continuing through to December 27, 2017. Ministry staff tried to find a potential source from upwind locations to make sure there were no issues with the industrial facilities. Ministry staff contacted the Suncor refinery on</p>		

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					<p>December 27, 2017 to ask if there were operational activities that could be contributing to elevated benzene emissions. The company conducted air quality monitoring and confirmed that there were no operational upsets or elevated levels of benzene emissions from the site. Ministry staff also asked the Michigan Department of Environmental Quality about storage tanks located in Michigan. The tanks were confirmed to be empty and therefore not a potential source.</p> <p>Ministry staff then checked the air monitoring station on December 27, 2017. They identified an issue with the equipment calibration and as such, the elevated benzene results were not considered reliable.</p> <p>Ministry staff also contacted Shell Canada on December 29, 2017, to ask if they underwent any activities that could be contributing to elevated benzene emissions and to request third party air quality monitoring. The company confirmed there were no activities or upsets that could have caused elevated benzene levels. Shell Canada informed ministry staff that they were planning to start a unit on December 30, 2017 and intended to conduct air quality monitoring during the start-up, as a proactive measure. Ministry staff requested the company keep the ministry's Spills Action Centre informed and to report any elevated readings of benzene.</p> <p>The ministry's Spills Action Centre dispatched the Environmental Response Person to inspect the area at approximately 3:30 pm on December 30, 2017. Ministry staff visited the Shell site to gather information on the air monitoring and confirmed the company was conducting air monitoring every 2 hours during the unit start-up. Ministry staff contacted the resident at approximately 2:45 pm on December 30, 2017 to provide an update.</p> <p>Shell Canada's third party consultant conducted the air monitoring from December 29, 2017 to January 1, 2018 and did not detect any elevated levels of benzene. Based on information provided by area companies, results of air monitoring, and field inspections by ministry staff, no sources of elevated of benzene emissions could be confirmed.</p> <p>The monitor for Volatile Organic Compounds at the Aamjiwnaang First Nation station is currently undergoing maintenance to resolve the calibration issue that is resulting in false benzene and 1,3-butadiene readings. The monitor for Volatile Organic Compounds has been temporarily taken offline while the maintenance is underway, so benzene and 1,3-butadiene data will not appear on the Clean Air Sarnia and Area (CASA) website until the issue has been resolved. The false benzene and 1,3-butadiene data that was reported while the instrument issues were occurring (December 25, 2017 onwards) will be removed from the CASA website.</p> <p><b>Other agencies involved (if known):</b> Michigan Department of Environmental Quality was contacted to confirm no sources from Michigan.</p> <p><b>Further Updates Expected:</b> No further updates.</p>		
Jan 5	12:51 pm	3:34 pm Jan 9	Arlanxeo	CVECO Information	Arlanxeo issuing an information only for 1265 Vidal Street South for high flaring due to issues with the flare.		
Jan 5	1:42 pm	4:01 pm	Imperial	CVECO Information	Imperial Oil at 602 Christina Street South issuing an information only for high flaring due to unit upset.		
Jan 5	7:50 pm		Arlanxeo	MOECC (SAC) Information Email>>>	<b>MOECC Reference Number:</b> 3462-AUQVSQ <b>Date and Time that the incident occurred:</b> 2018/01/05 at 14:00		

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					<p><b>Date and Time reported to the MOECC:</b> 2018/01/05 at 15:00 (District Office advised by Arlanxeo, Reported to SAC at 18:41)</p> <p><b>Company name (if known) and location of incident:</b> Arlanxeo Canada Inc. at 1265 Vidal Street</p> <p><b>What has occurred?</b> Extreme cold weather caused a flare to freeze and lose operation. Arlanxeo reported no emission to the natural environment; the gas was diverted to a containment sphere until the flare was unfrozen.</p> <p><b>What action is being taken?</b> A tent was constructed surrounding the flare. This tent served as containment for steam which facilitated the warming of the flare apparatus. By 18:00, the flare was back in operation.</p> <p><b>Other agencies involved (if known):</b> No other agencies involved.</p> <p><b>Updates expected:</b> No.</p>		
Jan 6	1:53 pm		Shell Canada	Email from B. Bird	<p>First off, I wanted to wish each of you a very Happy New Year as I hope you each had sometime time of to enjoy your holidays and spend some time with friends and family. I was able to spend some time with my family as well back in BC and have been getting settled in Sarnia for the past week. It has also been a busy couple of weeks here at the plants.</p> <p>As you are aware we have had some extensive cold weather the past 2 weeks which has resulted in some challenges both at the refinery and the chemical plant. We have had some issues with freezing pipelines and subsequently have had to shut down the chemical plant and our until which makes benzene and fuel additives for our high octane gas until weather conditions improve. This has resulted in some flaring and odor concerns of which we have been monitoring diligently via our 3rd party contractor since December 25th.</p> <p>In looking ahead the worst of the freezing temperature are over (for now) as it is expected to get warmer over the coming weeks. We will continue using our 3rd party contractor to monitor for gas and odors around our fence line as pipelines begin to thaw so people will likely see them driving around the community with their equipment until January 9th/10th. This week we will also be restarting the chemical plant the refinery unit so there maybe be some additional flaring and sort noise burst of steam being released from lines as we get things back up and going again. We are also in the process of starting up one of our gas compressor units that diverts fuel from the flare stack and allows it to be reused throughout the plant and should virtually eliminate the flare that is currently going seen on site at the refinery.</p> <p>As per our standard protocols we will be continually updating SAC and COVECO as needed but wanted to provide you with some context in case you are asked any questions by residents within your communities.</p> <p>If you have any questions or need clarification, please feel free to give me a call.</p> <p>Bryant Bird Community Liaison Officer, Shell Canada Limited</p>		
Jan 7	12:36 am		NOVA Corunna	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 4302-AUS85F</p> <p><b>Date and Time that the incident occurred:</b> Jan 6th 23:47</p> <p><b>Date and Time reported to the MOECC:</b> Jan 7th 00:12</p> <p><b>Company name (if known) and location of incident:</b> NOVA Chemicals, 785 Petrolia Line, Sarnia</p> <p><b>What has occurred?</b> Flaring</p> <p><b>What action is being taken?</b> Investigating and mitigating</p> <p><b>Other agencies involved (if known):</b> N/A</p> <p><b>Updates expected:</b> No</p>		

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Jan 7	2:45 am		Shell Canada	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 3440-AUSATC  <b>Date and Time that the incident occurred:</b> Jan 7th 01:45  <b>Date and Time reported to the MOECC:</b> Jan 7th 02:30  <b>Company name (if known) and location of incident:</b> Shell Canada Energy - 150 St Clair Pkway, Sarnia  <b>What has occurred?</b> Elevated flaring, may cause noise  <b>What action is being taken?</b> In process of restarting unit  <b>Other agencies involved (if known):</b> n/a  <b>Updates expected:</b> No</p>		
Jan 7	9:39 am	4:00 pm Jan 10	Shell Canada	CVECO Information	<p>SHELL CANADA AT 150 SAINT CLAIR PARKWAY HAS ISSUED AN INFORMATION ONLY FOR A UNIT UPSET CR2 WITH HIGH FLARING. ORIGINAL START TIME WAS AT TWO THIRTY IN THE MORNING ON THIS DATE.</p>		
Jan 7	5:06 pm		Imperial	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 6158-AUST59  <b>Date and Time that the incident occurred:</b> 07Jan2018 @16:09  <b>Date and Time reported to the MOECC:</b> 07Jan2018 @ 16:24  <b>Company name (if known) and location of incident:</b> Imperial Oil Ltd. Shell Sarnia Refinery - 602 Christina Street South, Sarnia  <b>What has occurred?</b> Opacity exceedance from stack  <b>What action is being taken?</b> Imperial Oil staff are troubleshooting to reduce opacity.  <b>Other agencies involved (if known):</b> -None  <b>Updates expected:</b> YES</p>		
Jan 7	6:08 pm	12:29 pm Jan 8	Imperial	CVECO Information	<p>Imperial Oil advised of increased stack opacity due to abnormal CO boiler operations</p>		
Jan 7	6:16 pm		Imperial	Information Bulletin	<p><b>Imperial Boiler</b>  Sarnia - Sunday, January 7, 2018 - Imperial Oil's main boiler is not fully functioning on January 7, 2018. As a result, the emissions from the boiler stack may be darker than normal. Refinery staff are working to return the boiler to normal operation as soon as possible, and steps are being taken to minimize emissions.  The Ministry of Environment and Climate Change has been notified.  Imperial does not expect emissions from the refinery to exceed government guidelines. Testing conducted during past boiler outages indicates emissions have not exceeded health related air quality standards during those occurrences.  Members of the public who would like more information may call Imperial's 24-hour number at 519-339-5666 in Sarnia and toll-free in area codes 519 and 810 at 1-866-288-2202.  All other inquiries should be directed to Kristina Zimmer at 519-339-4015.</p>		
Jan 7	6:55 pm	9:25 pm	NOVA St Clair	CVECO Information	<p>Nova St Clair has issued information only for high flaring due to unit upset</p>		
Jan 7	8:46 pm		NOVA St Clair	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 4237-AUT3C7  <b>Date and Time that the incident occurred:</b> 2018/01/07 18:44  <b>Date and Time reported to the MOECC:</b> 2018/01/07 20:07  <b>Company name (if known) and location of incident:</b> NOVA Chemicals Corp., 285 Albert Street, Corunna  <b>What has occurred?</b> Process upset, Butene into sewer system  <b>What action is being taken?</b> They are conducting visual inspections of the sewer system to determine impacts. MOECC Personnel is responding.  <b>Other agencies involved (if known):</b> No other Agencies at this time.  <b>Updates expected:</b> Yes</p>		

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Jan 8	6:42 am		NOVA Corunna	CVECO Information	NOVA Corunna high flaring with loud noise due to unit upset		
Jan 8	7:04 am	12:21 pm	Imperial	<b>CVECO Code 8</b>	Code 8 was issued for Imperial oil at 602 Christina st s site alarm going off for a hydro carbon leak		<b>ANS</b>
Jan 8	8:12 am		Imperial	Email from K. Zimmer	Imperial emergency response crews responded to a hydrocarbon release at the Sarnia Manufacturing Site at approximately 7:00 a.m. January 8, 2018. The facility's emergency warning system was activated. As a precaution, on-site personnel were sheltered in place while monitoring and other response activities took place. The release was isolated within thirty minutes. Precautionary monitoring is ongoing. CVECO and the Ministry of Environment and Climate Change have been notified.		
Jan 8	8:33 am		Imperial	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 5558-AUTHC7</p> <p><b>Date and Time that the incident occurred:</b> January 8, 2018 - 06:50</p> <p><b>Date and Time reported to the MOECC:</b> January 8, 2018 - 08:04</p> <p><b>Company name (if known) and location of incident:</b> Imperial Oil - 602 Christina Street (Area 2)</p> <p><b>What has occurred?</b> Gas release to atmosphere (lasting 20 minutes)</p> <p><b>What action is being taken?</b> Repairs ongoing; they began air monitoring (they have not received any elevated readings at their air monitoring stations)</p> <p><b>Other agencies involved (if known):</b> Sarnia Fire Department responded as a precaution</p> <p><b>Updates expected:</b> No</p>		
Jan 8	11:23 am	12:21 pm	Imperial	<b>CVECO Code 8</b>	Code 8 was issued at Imperial oil this morning for their sirens going off they have reactivated their alarm again for a hydro carbon leak		<b>ANS</b>
Jan 8	11:50 am		Imperial	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 5611-AUTMAV</p> <p><b>Date and Time that the incident occurred:</b> Jan 8/18 at 11:26</p> <p><b>Date and Time reported to the MOECC:</b> Jan 8, 2018 at 11:23</p> <p><b>Company name (if known) and location of incident:</b> Imperial Oil, 602 Christina St S, Sarnia</p> <p><b>What has occurred?</b> A leak of process water</p> <p><b>What action is being taken?</b> Emergency crews responding and leak is being isolated.</p> <p><b>Other agencies involved (if known):</b> n/a</p> <p><b>Updates expected:</b> YES</p>		
Jan 8	11:52 am		Imperial	Information Bulletin	<p><b>Imperial Hydrocarbon Release</b></p> <p>Sarnia – Monday, January 8, 2018 - Imperial emergency response crews are responding to a hydrocarbon release at the Sarnia Manufacturing Site. The release occurred at approximately 11:15 a.m. January 8, 2018, and it has been isolated. The facility's emergency warning system was activated, and a CVECO notification was issued. This release is separate from today's 7:00 a.m. event at our site which has been resolved.</p> <p>On-site personnel have been sheltered in place as a precautionary measure while monitoring and other response activities take place. Air monitoring is ongoing. The Ministry of Environment and Climate Change have been notified.</p> <p>For additional inquiries, contact Kristina Zimmer at 519-339-4015.</p>		
Jan 8	12:22 pm		Imperial	Information Bulletin	<p><b>Imperial Hydrocarbon Releases</b></p> <p>Sarnia – Monday, January 8, 2018 - Imperial emergency response crews responded to two separate hydrocarbon releases at the Sarnia Manufacturing Site this morning. An all-clear has been issued for both. The first release occurred at</p>		<b>FB</b>

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					<p>7:00 a.m. and the second was at 11:15 a.m. Both were isolated within thirty minutes. The facility's emergency warning system was activated for each event, and a CVECO notification was issued.</p> <p>On-site personnel were sheltered in place as a precautionary measure while monitoring and other response activities took place. Precautionary air monitoring is ongoing. The Ministry of Environment and Climate Change was notified. Imperial is investigating both of these releases.</p> <p>For additional inquiries, contact Kristina Zimmer at 519-339-4015.</p>		
Jan 8	11:51 pm	7:11 am Jan 10	CF Industries	CVECO Information	CF Industries nitrogen complex issuing an information for planned shut down with loud noise and a slight smell		
Jan 9	7:40 am		Suncor	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 0370-AUUGJT  <b>Date and Time that the incident occurred:</b> 2018/01/09 07:20  <b>Date and Time reported to the MOECC:</b> 201/01/09 07:23  <b>Company name (if known) and location of incident:</b>                      Suncor Sarnia Refinery, 1900 River Rd, Sarnia  <b>What has occurred?</b>                      -venting CO2 to atmosphere causing excessive noise for approx. 15 min  <b>What action is being taken?</b>  <b>Other agencies involved (if known):</b> Local MOECC  <b>Updates expected:</b> no</p>		
Jan 9	7:43 am	8:41 am	Suncor	CVECO Information	INFORMATION ONLY FOR SUNCOR ENERGY. INCREASE NOISE DUE TO VENTING CO2 IN PLANT 3.		
Jan 9	4:05 pm		Suncor	Email from J. Johnson	<p>Just a heads up that I just recorded this information to the CAER Industry Update Line:                      The Suncor Sarnia refinery is currently working to safely remove some ice build-up from the tip of its main flare. During this time, community members will notice a crane in the area and the use of steam to aid in the removal of the ice. We expect this activity will only take a few hours to complete.                      Jennifer Johnson</p>		FB
Jan 9	8:33 pm	1:14 am Jan 10	NOVA Corunna	CVECO Information	NOVA CORUNNA UNIT UPSET WITH HIGHER THAN NORMAL FLARING		ANS
Jan 9	8:51 pm		Shell Canada	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 2878-AUV325  <b>Date and Time that the incident occurred:</b> 2018/01/09 14:50  <b>Date and Time reported to the MOECC:</b> 2018/01/19 19:51  <b>Company name (if known) and location of incident:</b>                      Shell Canada Energy - 150 St. Clair Parkway  <b>What has occurred?</b> Effluent analyzer readings malfunction at 14:50. No offsite impacts.  <b>What action is being taken?</b>                      Technician called in to repair analyzer.  <b>Other agencies involved (if known):</b> None  <b>Updates expected:</b> No</p>		
Jan 9	10:41 pm		NOVA Corunna	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 3771-AUV47N  <b>Date and Time that the incident occurred:</b> 2018/01/09 20:14  <b>Date and Time reported to the MOECC:</b> 2018/01/09 at 20:51  <b>Company name (if known) and location of incident:</b>                      NOVA Chemicals Corp. located at 785 Petrolia Line, Corunna  <b>What has occurred?</b>                      Process upset causing hydrocarbons to be sent to flare, causing heavy flare situation  <b>What action is being taken?</b>                      NOVA Chemical is currently investigating the issue.  <b>Other agencies involved (if known):</b> N/A  <b>Updates expected:</b> Yes</p>		

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Jan 10	9:07 pm	12:09 pm	Enbridge Pipelines	CVECO Information	Enbridge Pipelines located at 1010 Plank Road, issued information for routine maintenance. The public may notice petroleum odours. Work should conclude at 1300 hours today.		
Jan 10	9:35 am		Suncor	Email from J. Johnson	You may have noticed that the crane/steam is still present on our site in the area of the main flare. Due to a minor operating issue with the crane yesterday, the ice removal work is now taking place today. I will update the CAER Line accordingly.		
Jan 10	5:18 pm	9:50 pm Jan 11	NOVA Corunna	CVECO Information	NOVA Chemicals VCW 454 issuing information for work being performed by Lamsar contractors, inside and in the adjacent area of the Plains Midstream pipeline compound. The public may see or hear workers using industrial equipment. <b>Work to commence at 0800 hours on January 11</b>		
Jan 11	12:44 pm		Imperial	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 1804-AUWNLB</p> <p><b>Date and Time that the incident occurred:</b> 12:20 Jan 11th</p> <p><b>Date and Time reported to the MOECC:</b> 12:33 Jan 11th</p> <p><b>Company name (if known) and location of incident:</b> Christina Street S, Sarnia</p> <p><b>What has occurred?</b> Benzene reading taken at fenceline monitor today, cause unknown. Investigation ongoing.</p> <p><b>What action is being taken?</b> Caller will update in 1 hour after doing further investigation.</p> <p><b>Other agencies involved (if known):</b> Local MOE office</p> <p><b>Updates expected:</b> Yes</p>		<b>FB</b>
Jan 11	1:02 pm	4:15 pm	Imperial	CVECO Information	INFORMATION ONLY FOR IMPERIAL OIL AT 602 CHRISTINA STREET SOUTH FOR INVESTIGATION OF A POTENTIAL OFF SITE ODOR.		
Jan 11	2:30 pm		Imperial	Email from K. Zimmer	<p>I'd like to make you aware of a situation that Imperial is managing.</p> <p>We identified the source of an odour concern in the area of our Sarnia Manufacturing Site. Early this afternoon, a minor release of hydrocarbon occurred from a line inside the facility. As a result, air monitoring equipment detected hydrocarbon readings in the area of Clifford Street at Imperial's fence line. Personnel are working to isolate and repair the line. Precautionary air monitoring is ongoing.</p> <p>The Ministry of Environment and Climate Change is aware, and a CVECO notification was issued.</p> <p>For additional inquiries, contact Kristina Zimmer at 519-339-4015 or email Kristina.Zimmer@esso.ca</p>		<b>FB</b>
Jan 11	4:08 pm	11:02 am Jan 23	Imperial	<b>CVECO Code 8</b>	Code 8 was issued for Imperial Oil at 602 Christina Street south, for offsite odor investigation		
Jan 11	5:12 pm	6:34 pm	NOVA Corunna	<b>CVECO Code 8</b>	Code 8 was issued for Nova Corunna at 785 Petrolia line, for a benzene leak	SDS for Benzene obtained	
Jan 11	6:09 pm		NOVA Corunna	Email from M. Kreeft	<p>Sharing that NOVA Chemicals Corunna Site is managing a hydrocarbon release. The issue has been isolated on-site, and there are no off-site readings at this time. Personnel continue to investigate and manage on-site activities. Information updates will be shared as required.</p> <p>Should you have any questions, please don't hesitate to contact me.</p> <p>I should add that information updates are also being shared via the CAER Industry Update line as required. Please call 1-855-4SARNIA or 1-855-472-7642.</p> <p>Meaghan Kreeft   Communications Consultant</p>		



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Jan 11	7:16 pm		NOVA Corunna	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 0584-AUWUQ</p> <p><b>Date and Time that the incident occurred:</b> January 11, 2018 at 17:04</p> <p><b>Date and Time reported to the MOECC:</b> January 11, 2018 at 17:47</p> <p><b>Company name (if known) and location of incident:</b> Nova Chemicals Corporation: 785 Petrolia Line, St. Clair</p> <p><b>What has occurred?</b> Benzene release from northwest corner of facility.</p> <p><b>What action is being taken?</b> Nova Chemicals is investigating and performing cleanup. No current offsite impacts detected.</p> <p><b>Other agencies involved (if known):</b> MOECC</p> <p><b>Updates expected:</b> No</p>		
Jan 12	5:22 am		Suncor	CVECO Information	Suncor issued information for venting of C O 2 possible increased noise	SDS provided previously	
Jan 12	5:40 am		Suncor	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 0587-AUXE29</p> <p><b>Date and Time that the incident occurred:</b> 2018/01/12 05:00</p> <p><b>Date and Time reported to the MOECC:</b> 2018/01/12 05:14</p> <p><b>Company name (if known) and location of incident:</b> Suncor Energy Inc. - Suncor Sarnia Refinery - 1900 River Rd. Sarnia, ON</p> <p><b>What has occurred?</b> Suncor has reported that they will be venting carbon dioxide to the atmosphere, it is ongoing.</p> <p><b>What action is being taken?</b> MOECC Spills Action Centre notified.</p> <p><b>Other agencies involved (if known):</b> n/a</p> <p><b>Updates expected:</b> YES</p>		
Jan 12	8:26 am	9:59 am	Imperial	<b>CVECO Code 8</b>	Code 8 was issued for Imperial Oil - XJF742 at 602 Christina Street South for a hydro carbon release.		ANS
Jan 12	8:43 am		Imperial	Information Bulletin	<p><b>Imperial – Sirens Sounded</b></p> <p>Sarnia – Friday, January 12, 2018 – The sirens at Imperial’s Sarnia Manufacturing Site sounded at approximately 8:00 a.m. We are responding to a release of hydrocarbon and have identified the impacted pipeline, which is located within our property. There is no action on the part of the community at this time. Air monitoring has been initiated.</p> <p>A CVECO Code 8 notification has been issued, and we have notified the Ministry of Environment and Climate Change. For additional inquiries, contact Kristina Zimmer at 519-339-4015 or email Kristina.Zimmer@esso.ca</p>		FB
Jan 12	9:14 am		Arlanxeo	<b>CVECO Code 8</b>	ARL Emergency-Hydrocarbon Leak at ARLANXEO Butyl unit. CVECO Code 8 issued. Updates, call 1-855-472-7642		
Jan 12	9:18 am	4:03 pm	Enbridge Pipelines	CVECO Information	Information only issued by Enbridge Pipelines - VCO 420, 1010 Plank Road, Sarnia, ON, for routine maintenance at facility. Odours of petroleum may be noticed.		
Jan 12	9:21 am		Imperial	Information Bulletin	<p><b>Imperial – Update to sirens sounding</b></p> <p>Sarnia – Friday, January 12, 2018 – The sirens at Imperial’s Sarnia Manufacturing Site sounded at approximately 8:00 a.m. Personnel have isolated a hydrocarbon release within Imperial’s property. There is no action on the part of the community. Air monitoring was initiated and readings are non-detectable. A CVECO Code 8 notification was issued, and we have notified the Ministry of Environment and Climate Change. An initial analysis indicates this release and others we have had at our site recently are related to the extreme cold weather conditions. Imperial takes all of these incidents seriously, and we are conducting a thorough investigation. The safety of employees and the community is our top priority.</p>		

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					For additional inquiries, contact Kristina Zimmer at 519-339-4015 or email Kristina.Zimmer@esso.ca		
Jan 12	9:22 am		Imperial	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 6624-AUXJ56</p> <p><b>Date and Time that the incident occurred:</b> 01/12/2018-08:30</p> <p><b>Date and Time reported to the MOECC:</b> 01/12/2018-08:44</p> <p><b>Company name (if known) and location of incident:</b> Imperial Oil</p> <p><b>What has occurred?</b> Ongoing pipeline leak of heavy hydrocarbon, onsite Imperial Oil Sarnia. Spill is going to process sewer and subsequently Imperial Oil's onsite treatment facility. No offsite impacts at this time reported.</p> <p><b>What action is being taken?</b> On-going monitoring and gas testing.</p> <p><b>Other agencies involved (if known):</b> None</p> <p><b>Updates expected:</b> No</p>		FB
Jan 12	11:33 am		NOVA Corunna	Email from M. Kreeft	<p>I wanted to share with you that this update was just shared with local and regional media, as well as with other key stakeholders:</p> <p>On the evening of Thursday, January 11 an incident took place at NOVA Chemicals Corunna Site in Corunna, Ontario. Our investigation is continuing but our current understanding of the event is that a drain line had frozen and cracked due to extreme weather temperatures. The incident resulted in a release of benzene.</p> <p>Once identified, the release was immediately isolated. Continuous air quality monitoring was also conducted at multiple locations and results at the perimeter of the site varied from trace to no off-site readings.</p> <p>As per our regulatory requirements, we contacted the Ontario Ministry of the Environment and Climate Change's Spills Action Centre. A notification to CVCEO was issued as well as communication to the St. Clair Township Fire Department and Aamjiwnaang First Nation Safety and Emergency Response. Information was also shared immediately with community via the CAER Industry Update line and multiple updates were shared as new information became available.</p> <p>Our incident response management and investigation continues so that we can further understand how to prevent and mitigate similar situations in the future.</p> <p>As a founding member of Responsible Care®, NOVA Chemicals is deeply committed to the safety of our employees, contractors, neighbours and communities in which we live and operate. Regulatory compliance, effective incident management and continuous improvement are key priorities. Should you have any questions, please don't hesitate to connect with me.</p> <p>Meaghan Kreeft   Communications Consultant</p>		
Jan 12	4:59 pm	6:51 pm Jan 13	Plains Midstream	CVECO Information	Information only issued by Plains Midstream - XNZ -861, 1182 Plank Road, Sarnia, ON for possible excess flaring due to equipment start-up.		
Jan 12	8:37 pm	6:22 pm Jan 13	CF Industries	CVECO Information	CF Industries at 161 Bickford Line issuing an information. Urea unit start up with increase noise level and smell possible.		
Jan 13	3:27 am		CF Industries	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 4064-AUYBK3</p> <p><b>Date and Time that the incident occurred:</b> 2018/01/12 23:38</p> <p><b>Date and Time reported to the MOECC:</b> 2019/01/13 @ 03:08</p> <p><b>Company name (if known) and location of incident:</b> Plains Midstream Canada - 1182 Plank Road, Sarnia</p> <p><b>What has occurred?</b> Elevated flaring for 5 minutes</p> <p><b>What action is being taken?</b> Issue resolved</p>		

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					<b>Other agencies involved (if known):</b> N/A <b>Updates expected:</b> No		
Jan 14	3:07 pm		Plains Midstream	CVECO Information	Plains midstream information only for possible excess flaring due to equipment start up		
Jan 14	11:50 pm	7:04 pm Jan 15	CF Industries	CVECO Information	Information only issued for CF Industries - CYA 389, 161 Bickford Line, Sombra, ON for start up of the Urea unit. Loud noise and possible odour may be detected.		
Jan 16	9:59 am	1:36 am Jan 21	Plains Midstream	CVECO Information	Information only issued at Plains Midstream Canada - XNZ 861, 1182 Plank Road, Sarnia, ON, for excessive flaring due to unit start up.		ANS
Jan 20	5:22 am	2:17 pm	INEOS Styrolution	CVECO Information	Ineos Styrolution issued information for a small hydro carbon leak within plant.		ANS
Jan 20	5:27 am		INEOS Styrolution	MOECC (SAC) Information Email>>>	<b>MOECC Reference Number:</b> 0201-AV7DTH <b>Date and Time that the incident occurred:</b> 2018/01/20 at 04:30 hrs <b>Date and Time reported to the MOECC:</b> 2018/01/20 at 04:59 hrs <b>Company name (if known) and location of incident:</b> INEOS Styrolution, located at 872 Tashmoo Ave, Sarnia. <b>What has occurred?</b> A spill of approx. 3 gallons of benzene to a concrete pad, and into a sump. <b>What action is being taken?</b> Fence-line air monitoring has been setup. Recovery operations have begun <b>Other agencies involved (if known):</b> N/A <b>Updates expected:</b> No	Product is feedstock Benzene from NOVA	
Jan 21	11:37 pm	2:08 pm	Imperial	CVECO Information	IMPERIAL OIL LOCATED AT 602 CHRISTINA STREET SOUTH IN SARNIA HAS ISSUED AN INFORMATION ONLY FOR HIGH FLARING DUE TO UNIT UPSET.		
Jan 22	1:23 am		Imperial	Email from K. Zimmer	Imperial Sarnia Manufacturing Site issued a CVECO Information notice for a unit outage on the evening of January 21st. As a result, there was a brief period of elevated flaring. Air monitoring showed no readings. The unit is shutdown at this time for inspection and maintenance.		
Jan 23	5:45 pm		Arlanxeo	<b>E-Can Code 8</b>	Tank car leaking at Arlanxeo- k1. Code 8 issued. For updates call 1 8 5 5 472 7642		ANS
Jan 23	6:25 pm	9:15 pm	Arlanxeo	CVECO Information	Arlanxeo at 1265 Vidal Street South issuing an information for an on site hydro carbon leak.		ANS
Jan 23	9:41 pm		Arlanxeo	MOECC (SAC) Information Email>>>	<b>MOECC Reference Number:</b> 8101-AVB4AQ <b>Date and Time that the incident occurred:</b> Jan 23 2018 - 20:30 <b>Date and Time reported to the MOECC:</b> Jan 23 2018 - 20:56 <b>Company name (if known) and location of incident:</b> Arlanxeo - 1265 Vidal St S, Sarnia <b>What has occurred?</b> Rail car was leaking isobutylene. No offsite impacts are being reported. <b>What action is being taken?</b> The rail car leak has been isolated <b>Other agencies involved (if known):</b> No <b>Updates expected:</b> No	Iso-butylene SDS obtained and provided with report	
Jan 24	3:59 pm		Imperial	MOECC Update Information Email>>>	<b>Update Information E-mail for Aamjiwnaang First Nation</b> Imperial Oil Spill of Process Water and Hydrogen Sulphide Alarm Triggered <b>MOECC Reference Number:</b> 5611-AUTMAV <b>Date and Time that the incident occurred:</b> January 8, 2018 at 11:23 am <b>Date and Time reported to the MOECC:</b> January 8, 2018 at 11:26 am <b>Company name (if known) and location of incident:</b>		FB

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					<p>Imperial Oil, 602 Christina St S, Sarnia</p> <p><b>What has occurred?</b> This update is for a spill that happened on January 8, 2018. The company called the ministry's Spills Action Centre to report a leak at their site involving sour water containing hydrogen sulphide. The leak was for approximately 13 minutes and the liquid was contained on their site. An air monitor for hydrogen sulphide triggered an on-site alarm. The company confirmed the issue was resolved by 11:38 am.</p> <p><b>What action is being taken?</b> As a precaution, the company issued a shelter in place for employees on-site while the incident was being assessed. The company conducted air quality monitoring downwind and at their fence line and did not detect hydrogen sulphide. The shelter in place for employees was lifted at approximately 11:38 am. Ministry staff inspected the Imperial Oil site at approximately 3:00 pm on January 8, 2018. Ministry staff confirmed that the leak had been stopped and observed the company repairing the equipment. Ministry staff requested the company provide a report on the root cause of the spill.</p> <p><b>Other agencies involved (if known):</b> No other agencies involved.</p> <p><b>Updates expected:</b> No further updates.</p>		
Jan 24	4:00 pm		Imperial	<p>MOECC Update Information Email&gt;&gt;&gt;</p>	<p><b>Update Information E-mail for Aamjiwnaang First Nation</b> Imperial Oil- Hydrocarbon Release to Process Water. <b>MOECC Reference Number:</b> 6624-AUXJ56 <b>Date and Time that the incident occurred:</b> Jan 12/18 @ 8:30 <b>Date and Time reported to the MOECC:</b> Jan 12/18 @ 8:44 <b>Company name (if known) and location of incident:</b> Imperial Oil – 602 Christina St.</p> <p><b>What has occurred?</b> This update is for an event that happened on January 12, 2018. The company called the ministry's Spills Action Centre to report an unknown quantity of a heavy hydrocarbon material that had leaked from a pipeline within their site. The material was contained on their site and was moving to their waste water treatment plant. There were no adverse impacts to the St. Clair River since the material was being managed through the treatment plant.</p> <p><b>What action is being taken?</b> The company conducted air quality monitoring for hydrogen sulphide, benzene and reported no detection of any compounds. As a precaution, the company's sirens were triggered for workers to shelter in place for health and safety. Ministry staff inspected the area at approximately 11:50 am. Ministry staff observed the company removing the hydrocarbon from the area and confirmed that the company was containing the spill and monitoring their wastewater analyzers to make sure their waste water treatment system was functioning while managing the spilled hydrocarbon material. Ministry staff inspected several locations along the St. Clair River and did not observe any sheens on the surface of the water. Ministry staff will be following up with the company to obtain additional information regarding the root cause of the spill, the amount spilled, details with respect to the hydrocarbon material involved, and data from the air monitoring.</p> <p><b>Other agencies involved (if known):</b> No other agencies.</p> <p><b>Updates expected:</b> No</p>		FB
Jan 25	11:57 am	12:56 pm	Plains Midstream	<p><b>CVECO Code 8</b></p>	<p>CODE 8 ISSUED FOR PLAINS MIDSTREAM XNZ861 AT 1182 PLANK ROAD IN SARNIA, A DEPRESSURING LINE IN</p>		

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					THE UNIT IS LEAKING. MORE INFORMATION TO FOLLOW WHEN IT BECOMES AVAILABLE.		
Jan 27	12:13 pm		Suncor	Text from J. Johnson	I just recorded the following message to the CAER Industry Update line: The Suncor Sarnia refinery is currently experiencing a period of increased flaring and noise following a compressor trip in one of our units. As always, we will work to minimize the need for flaring and are investigating the cause of the trip. We have provided notification of this activity to the MOECC and CVECO.		
Jan 27	12:50 pm		Suncor	MOECC (SAC) Information Email>>>	<b>MOECC Reference Number:</b> 2657-AVEMXP <b>Date and Time that the incident occurred:</b> 2018/01/27 11:58 <b>Date and Time reported to the MOECC:</b> 2018/01/27 12:00 <b>Company name (if known) and location of incident:</b> Suncor Refinery 1900 River Rd, Sarnia <b>What has occurred?</b> Visible flaring <b>What action is being taken?</b> ended, lasted 5 minutes <b>Other agencies involved (if known):</b> n/a <b>Updates expected:</b> NO		
Jan 27	12:55 pm	3:57 pm	Suncor	CVECO Information	Information only issued by Suncor, XJF 738 - 1900 Saint Clair Parkway, Sarnia, for unit upset. There may be a possibility of increased flaring and noise.		
Jan 27	12:58 pm	4:37 pm	Suncor	CVECO Information	Information only issued by Suncor, for on-site fire training. The movement of fire trucks and related equipment and the use of high pressure fire water may be noticed as part of their normal training exercises.		
Jan 27	2:58 pm	3:51 pm Jan 28	Imperial	CVECO Information	Information only issued by Imperial Oil - XJF742, 602 Christina Street South, Sarnia, for increased flaring to unit start up.		
Jan 28	6:38 am		Imperial	MOECC (SAC) Information Email>>>	<b>MOECC Reference Number:</b> 5870-AVFEP6 <b>Date and Time that the incident occurred:</b> 2018/01/28 05:30 <b>Date and Time reported to the MOECC:</b> 2018/01/28 at 05:48 <b>Company name (if known) and location of incident:</b> Imperial Oil Limited, 602 Christina St South, Sarnia <b>What has occurred?</b> Increased flaring during start up <b>What action is being taken?</b> Compressor will be started to mitigate flaring <b>Other agencies involved (if known):</b> <b>Updates expected:</b>		
Jan 28	1:18 pm		NOVA Corunna	CVECO Information	INFORMATION ONLY FOR NOVA CORUNNA FOR HIGH AND SMOKEY FLARING.		ANS
Jan 28	1:39 pm		NOVA Corunna	MOECC (SAC) Information Email>>>	<b>MOECC Reference Number:</b> 3711-AVFPGD <b>Date and Time that the incident occurred:</b> 2018/01/28 13:00 <b>Date and Time reported to the MOECC:</b> 2018/01/28 at 13:18 <b>Company name (if known) and location of incident:</b> Nova Chemicals Corporation - Corunna <b>What has occurred?</b> Increased flaring at 13:00 and is ongoing. Besides flaring, no other offsite impacts anticipated. <b>What action is being taken?</b> Nova Chemicals personnel are investigating. <b>Other agencies involved (if known):</b> None <b>Updates expected:</b> No		
Jan 28	3:33 pm		Imperial	Email from K. Zimmer	Following a period of maintenance, Imperial will restart process equipment at its Sarnia Manufacturing Site on Sunday, January 28th. As a result, elevated flaring may be noticeable for up to four days. Flaring is a regulated and environmentally approved measure to safely burn off excess product or materials used at our facility. Additional steam may be visible and helps reduce smoke in the flares. We appreciate the		FB

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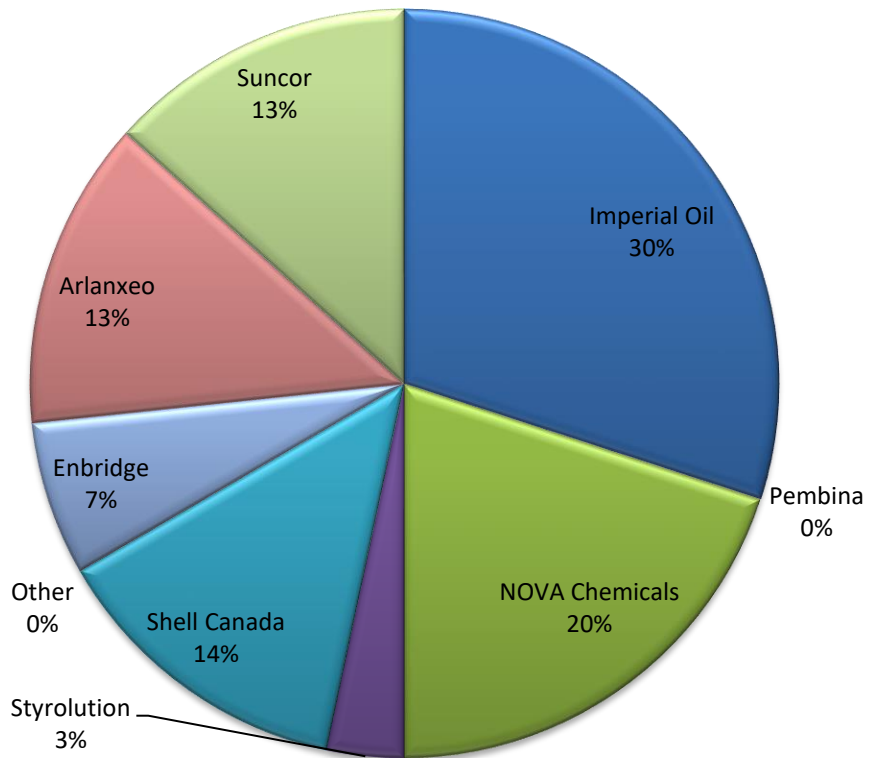
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					<p>patience of our community as we work to safely restart our equipment. Please feel free to contact me with any questions or concerns.</p>		
Jan 28	4:13 pm		NOVA Corunna	Email from Meaghan Lawrence	<p>While I'm not on-site, I wanted to share that earlier this afternoon we had a plant trip which resulted in the loss of steam production causing elevated and Smokey flaring. We have safely brought the plant down and it will remain down while personnel investigate. Further updates will be shared when we better understand the timing of our restart. As always, should you have any questions, please don't hesitate to connect with me. Meaghan Lawrence</p>		
Jan 30	9:42 pm		Shell Canada	MOECC (SAC) Information Email>>>	<p><b>MOECC Reference Number:</b> 4358-AVJ4WP <b>Date and Time that the incident occurred:</b> 01/30/2018 @ 21:10 <b>Date and Time reported to the MOECC:</b> 01/30/2018 @ 21:28 <b>Company name (if known) and location of incident:</b> Shell Canada - 150 St. Clair Parkway, St. Clair <b>What has occurred?</b> Increased flaring and possible noise. <b>What action is being taken?</b> MOECC SAC has been notified and monitoring is in place. <b>Other agencies involved (if known):</b> N/A <b>Updates expected:</b> No</p>		
Jan 30	10:03 pm	1:06 am Jan 31	Shell Canada	CVECO Information	Shell Canada at 150 Saint Clair Parkway issuing an information only for potential for high flaring.		

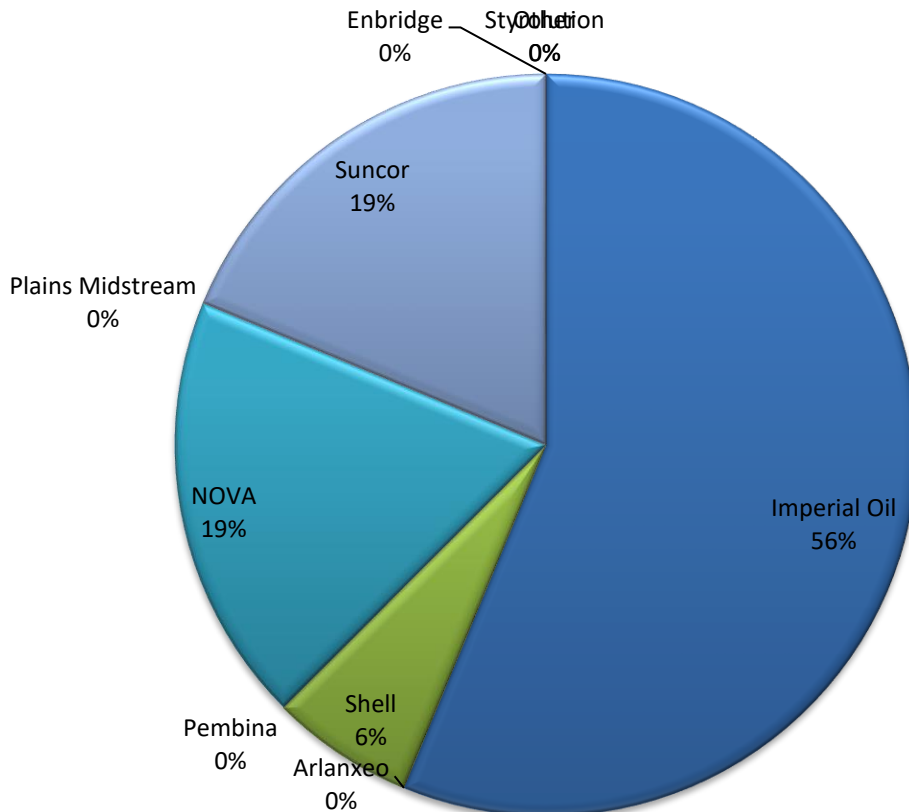
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## Incident Notifications for the Month of January 2018

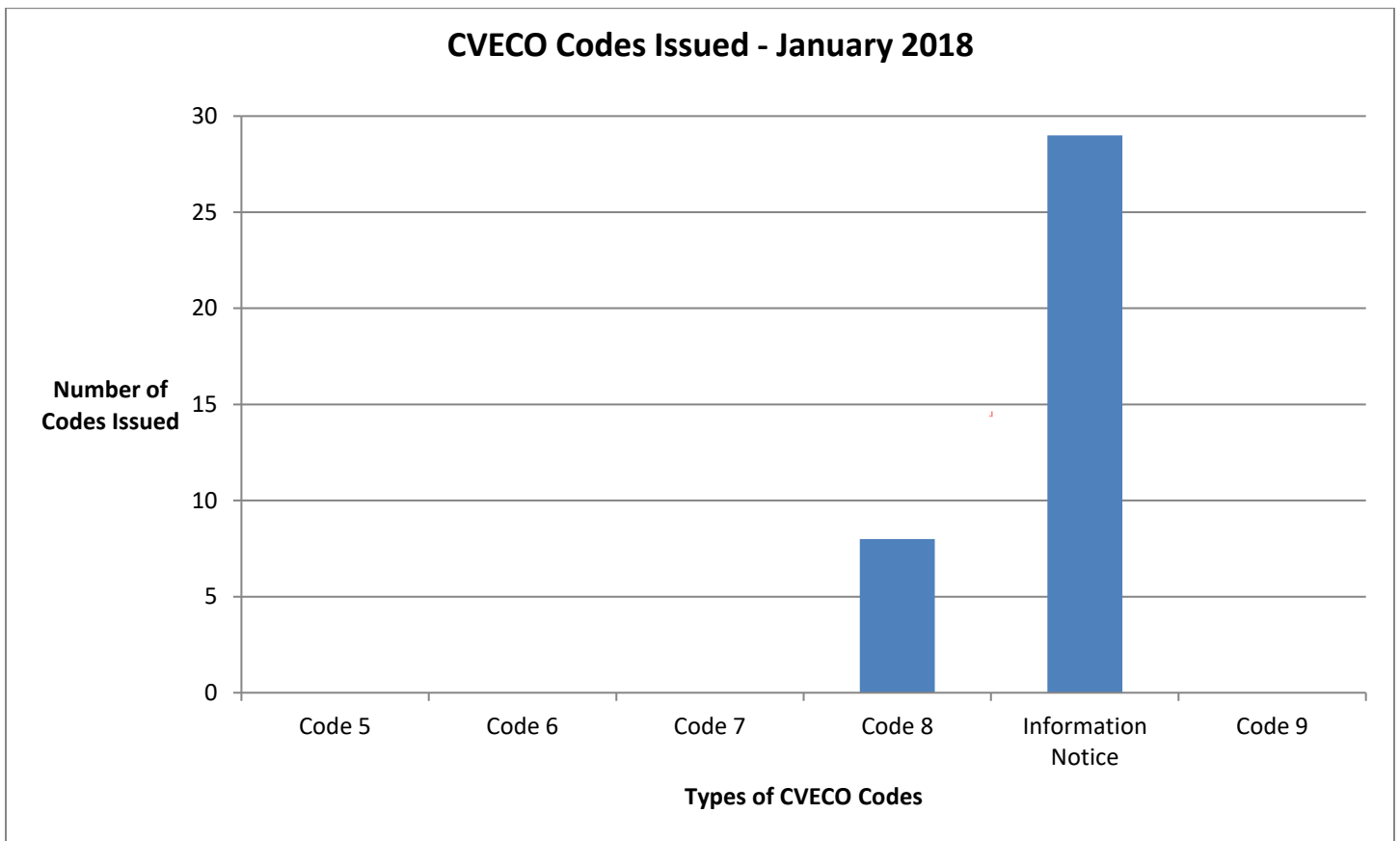


## Proactive Notifications for the Month of January 2018



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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. (Includes **Code 91** and **Code 92**-Specific Fire Equipment)