

AAMJIWNAANG FIRST NATION

# Notification Report

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December 2018

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

January 8, 2019

Report of notifications received from local industries, CVECO, Ministry of the Environment, Conservation and Parks (MECP) including Spills Action Centre (SAC) and MyCNN notifications.

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Incidents/Notifications reported for the month of December 2018.

- 46 notifications were received
- No phone calls, no text messages, 4 emails and 34 CVECO notifications were received.
- 4 CVECO 'Codes' were issued. 30 CVECO 'Information Notices' were issued.
- 4 Aamjiwnaang Notifications were sent out (**ANS or FB**)

**Ministry of the Environment and Climate Change (MOECC) Information/Update emails received: 8**

**Community Inquiries:** Two inquiries were received from community members regarding incidents or exercises near Aamjiwnaang.

Date	Time of Issue	Time of All Clear	Company	Type of Notice	Description Received	Follow-Up (if required)	ANS or FB
Dec 1	5:04 am	5:37 am	Imperial	CVECO Code 8	Imperial Oil issuing a code 8 for an h2s release		
Dec 1	5:56 am		Imperial	Email from Kristina Zimmer (Update Included)	<p>Good morning, as you will have likely seen, Imperial issued a "Code 8 for H2S release" at 5:00 a.m. followed by an all clear at approximately 5:30 a.m. The plant sirens also sounded. I've arrived at work and awaiting information but wanted to let you know I'd keep you posted and that I can be reached via cell at 519-328-2530.</p> <p><b>UPDATE (6:34 am):</b> Imperial erred on the side of caution and sounded its plant sirens at 5:04 a.m. December 1st for a 'potential H2S release.' Alarms detected low levels of hydrogen sulfide in the area of the refinery's sulfur plant. This is located east of the Vidal &amp; Kenny Street intersection. The wind was northeast at the time. The levels were contained to the sulfur plant, and site perimeter monitoring showed no readings were detected. As a result of sounding the sirens, the Emergency Operations Centre was activated. We were able to troubleshoot a piece of equipment in the sulfur plant, and this issue was resolved. The Ministry of Environment has also been contacted.</p> <p><b>UPDATE (6:47 am):</b> Imperial issued an ALL CLEAR at 5:38 am</p>		
Dec 1	7:25 am		Imperial	MECP (SAC) Information Email>>>	<p><b>MECP Reference Number:</b> 2581-B72FGC  <b>Date/Time Incident Occurred:</b> 12/01/2018 05:00  <b>Date/Time Incident Reported to MECP:</b> 12/01/2018 06:28  <b>Company name (if known):</b> Imperial Oil  <b>Location of Incident:</b> 602 Christina St S, Sarnia  <b>Company description of incident and actual/expected duration:</b> There was a release of hydrogen sulfide to atmosphere from 05:00 to 05:34.  <b>Company description of actual/expected adverse effect:</b> None  <b>Actions being taken by the facility to respond:</b> The Company performed perimeter monitoring and did not observe any off site odours.  <b>Agencies/Parties responding:</b> None.</p>		
Dec 1	3:07 pm		Imperial	Email from Kristina Zimmer	Imperial's Sarnia site has returned to normal operations following several days of elevated flaring. On November 26th, equipment at the refinery was isolated while a repair plan was developed and subsequently implemented. The scope of the work included the removal of a section of piping, followed by replacement and testing. Personnel executed this complex work safely and efficiently, and the equipment was put back into service today. Imperial would like to thank our neighbours and the community for their patience as this repair was completed.		

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Dec 3	10:07 am		Shell Canada	MECP Initial Information Email>>>	<p>Information E-mail for Aamjiwnaang First Nation  <b>Noise and Vibration Complaint from Flaring – Shell Canada, Corunna</b>  <b>Date/Time Incident Occurred:</b> Nov 29/18 at 11:30 pm  <b>Date/Time Incident Reported to MECP:</b> Nov 29/18 11:59 pm  <b>Company name:</b> Shell Canada  <b>Location of Incident:</b> 150 St. Clair Parkway, Corunna  <b>What has Occurred?</b>                      On Nov. 29, 2018, a resident called the ministry's Spills Action Centre to report excessive noise and vibration from a flare. The resident suspected Nova Chemicals was the cause of the noise. According to the air quality data on the CASA website, the winds were light and from the southwest and west.  <b>What action was taken?</b>                      Ministry staff contacted two Nova Chemical facilities and Shell Canada to gather additional information on their flaring. Nova reported normal operations and no excessive flaring at the time of the complaint. Shell Canada confirmed they were flaring due to a unit start-up. Ministry staff inspected the area from approximately 2:00 to 3:00 am on November 30, 2018 and noted that Imperial Oil and Shell had larger than normal flares. Ministry staff tracked excessive noise from the Shell refinery. Excess vibration was not observed. At approximately 2:40 am, ministry staff observed reduced noise from the Shell refinery compared to the start of the inspection. Ministry staff met with Shell staff and discussed the complaint and observations from the inspection. Ministry staff requested noise monitoring results for November 29 and 30, 2018. The company confirmed they had reduced the amount of steam sent to the flare, which reduced the noise. Ministry staff will review the noise monitoring results and follow up with the company.  <b>Agencies/Parties responding:</b> No other agencies  <b>Updates expected?</b> No further updates expected.</p>			FB
Dec 3	1:49 pm	3:40 pm	Cabot Carbon	CVECO Information	INFORMATION ONLY** Cabot Canada at 800 Tashmoo for a natural gas leak			
Dec 4	7:12 am	1:09 pm Dec 6	Enbridge	CVECO Information	Enbridge Pipelines is conducting routine maintenance at its 225 Lasalle Line, Corunna site. The public may notice petroleum odours during this time. This is planned work and no action is required. This work is expected to end at 0700hrs on Thursday, December 6, 2018.			
Dec 4	4:35 pm	4:54 pm	CF Industries	CVECO Code 9	Code 9 was issued for CF Industries at 161 Bickford Line. Gas release at Urea plant.			
Dec 4	4:55 pm	5:30 pm	CF Industries	CVECO Code 8	Code 8 at CF Industries for gas leak in Urea plant <b>UPDATE (5:03 pm):</b> Correction Code 8 at CF Industries for AMMONIA leak in Urea plant			
Dec 4	8:35 pm	7:34 am Dec 6	CF Industries	CVECO Information	**INFORMATION ONLY** CF Industries Nitrogen site Urea plant shutdown, loud noise and ammonia odour			
Dec 5	8:44 am	3:20 pm Dec 6	NOVA	CVECO Information	**INFORMATION ONLY** Nova Corunna issued Information Code, excessive flaring from the ground flare at our Pearson Compound. Hwy 40 and Churchill.			
Dec 6	8:11 am	1:09 pm Dec 6	Enbridge Pipelines	CVECO Information	*UPDATE - Work is not expected to end until 1400hrs today* Enbridge Pipelines is conducting routine maintenance at its 225 Lasalle Line, Corunna site. The public may notice petroleum odours during this time. This is planned work and no action is required.			

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Dec 7	1:08 pm	2:22 am Dec 9	CF Industries	CVECO Information	<b>**INFORMATION ONLY**</b> CF INDUSTRIES AT 161 BICKFORD LINE. THE COURTRIGHT NITROGEN COMPLEX WILL BE STARTING UP THE UREA UNIT. MAY EXPERIENCE SLIGHT ODOUR, CURRENT WIND DIRECTION IS FROM THE SOUTH AT 6 KM/H.		
Dec 9	2:25 am	9:55 pm	CF Industries	CVECO Information	<b>**INFORMATION ONLY**</b> CF INDUSTRIES COURTRIGHT NITROGEN COMPLEX WILL BE SHUTTING DOWN THE UREA PLANT. MAY EXPERIENCE A SLIGHT ODOUR AND LOUD NOISE. WIND IS FROM THE SOUTH AT 2KPH.		
Dec 9	4:14 pm	9:30 pm	Shell Canada	CVECO Information	<b>**INFORMATION ONLY**</b> Shell Canada has the chem plant preparing equipment for maintenance		
Dec 9	9:57 pm		CF Industries	CVECO Information	<b>**INFORMATION ONLY**</b> CF INDUSTRIES CYA389 COURTRIGHT NITROGEN COMPLX WILL BE STARTING UP THE UREA PLANT.MAY EXPERIENCE A SLIGHT ODOUR AND LOUD NOISE. WIND IS FROM THE NW AT 10 KPH.		
Dec 9	10:08 pm		CF Industries	CVECO Information	CF INDUSTRIES AT 161 BICKFORD LINE IN COURTRIGHT IS ISSUING AN INFORMATION ONLY, AS THEIR COURTRIGHT NITROGEN COMPLEX WILL BE STARTING UP THE UREA PLANT, AND IT MAY CAUSE A SLIGHT ODOUR AND LOUD NOISE. WIND NOW OUT OF THE NORTHWEST AT 10 KMS PER HOUR.		
Dec 10	6:43 pm	3:21 am Dec 11	CF Industries	CVECO Information	Information only has been issued for CF industries Courtright. Nitrogen complex will be starting up at the nitric acid plant. Possibility of slight discharge to air and loud noise with no off site impact.		
Dec 11	9:10 pm	5:16 am Dec 12	CF Industries	CVECO Information	<b>**INFORMATION ONLY**</b> C F COURTRIGHT NITROGEN COMPLEX AN NEUTRALIZER IS SHUTTING DOWN. POSSIBLE ODOUR		
Dec 11	11:02 pm	5:19 am Dec 12	CF Industries	CVECO Information	<b>**INFORMATION ONLY**</b> C F COURTRIGHT NITROGEN COMPLEX OPERATING NITRIC UNIT WILL BE SHUTTING DOWN. THERE MAY BE AN ODOUR AND A NOX CLOUD PRESENT		
Dec 12	9:15 am	10:32 am	Enbridge Gas	CVECO <b>Code 9</b>	Code 9 was issued for Enbridge 3501 Tecumseh Road for fire in a dumpster.		
Dec 12	6:07 pm	11:14 pm	CF Industries	CVECO Information	CF Industries issuing an information only. Courtright Nitric Complex operating Nitric Unit starting up. There may be an odor and loud noise during this time.		
Dec 12	11:16 pm	6:08 am Dec 14	CF Industries	CVECO Information	<b>**INFORMATION ONLY**</b> CF COURTRIGHT NITROGEN COMPLEX AN NEUTRALIZER IS STARTING UP. THERE MAY BE AN ODOR, AND LOUD NOISE DURING THIS TIME.		
Dec 13	8:58 am		Shell Canada	MECP (SAC) Information Email>>>	<b>MECP Reference Number:</b> 3733-B7EJ44 <b>Date/Time Incident Occurred:</b> Dec. 13, 2018, 08:45 <b>Date/Time Incident Reported to MECP:</b> Dec. 13, 2018 08:43 <b>Company name (if known):</b> Shell Canada <b>Location of Incident:</b> 150 St. Clair Parkway, Corunna <b>Company description of incident and actual/expected duration:</b> 12 to 24 hours <b>Company description of actual/expected adverse effect:</b> extended flaring <b>Actions being taken by the facility to respond:</b> none <b>Agencies/Parties responding:</b> none		<b>FB</b>
Dec 13	9:01 am	3:20 pm Dec 14	Shell Canada	CVECO Information	Information only issued for Shell. High flaring and noise due to unit shutdown		<b>ANS</b>
Dec 13	6:47 pm		Shell Canada	Email from Bryant Bird	We are doing some maintenance to one of our units for servicing. In order for this maintenance to occur and due to the		<b>FB</b>

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					<p>high volume of gas going into the unit we will need to flare for 24-36 hours. There will be flaring over the next 12-24 hrs. with limited potential for noise as we are taking measures to limit the impacts to our neighbors.</p> <p>Site personnel are currently working to limited disruptions to our normal operations. The byproduct associated with the flaring of hydrogen is mostly water as we work to bring the unit back on line.</p> <p>All safety precautions and standard regulatory protocols are being followed as this is a controlled flaring event as we work on the unit on site and will update SAC and CVECO as needed throughout the process.</p> <p>If you have any concerns, please feel free to contact the site directly via the community hotline at 519-481-1245.</p>		
Dec 14	11:09 am	2:18 pm	Plains Midstream	CVECO Information	**INFORMATION ONLY** Plains Midstream advising of changing ruptured disc, open pipe		
Dec 14	2:17 pm		Suncor	MECP (SAC) Information Email>>>	<p><b>MECP Reference Number:</b> 5132-B7FPZA</p> <p><b>Date/Time Incident Occurred:</b> Notification of future event from December 15 at 12:00 onward for the next week</p> <p><b>Date/Time Incident Reported to MECP:</b> Dec. 14, 2018 at 13:45</p> <p><b>Company name (if known):</b> Suncor</p> <p><b>Location of Incident:</b> 1900 River Rd, Sarnia</p> <p><b>Company description of incident and actual/expected duration:</b> Planned shut-down, expected duration: one week</p> <p><b>Company description of actual/expected adverse effect:</b> Potential for flaring and noise</p> <p><b>Actions being taken by the facility to respond:</b> N/A</p> <p><b>Agencies/Parties responding:</b> N/A</p>		
Dec 14	2:54 pm	4:44 pm Dec 20	Suncor	CVECO Information	**INFORMATION ONLY** SUNCOR REFINERY, beginning Saturday at 12:00 noon will begin the process of safely shutting down a process unit for a period of planned maintenance. Intermittent periods of visible flaring and noise are possible.		
Dec 16	1:17 pm	7:14 pm Dec 19	Plains Midstream	CVECO Information	PLAINS MIDSTREAM ISSUING AND INFORMATION FOR LOSS OF POWER AND IN THE PROCESS OF RESTARTING WHICH MAY CAUSE FLARING		
Dec 17	5:46 pm		Imperial	MECP (SAC) Information Email>>>	<p><b>MECP Reference Number:</b> 0465-B7JUB7</p> <p><b>Date/Time Incident Occurred:</b> 2018/12/17 at 14:16</p> <p><b>Date/Time Incident Reported to MECP:</b> 2018/12/17 at 17:25</p> <p><b>Company name (if known):</b> Imperial Oil</p> <p><b>Location of Incident:</b> 602 Christina St. South, Sarnia</p> <p><b>Company description of incident and actual/expected duration:</b> acid gas to the flare, lasted for 3 minutes</p> <p><b>Company description of actual/expected adverse effect:</b> released to atmosphere.</p> <p><b>Actions being taken by the facility to respond:</b> issue has been rectified and system back to normal</p> <p><b>Agencies/Parties responding:</b> no</p>		
Dec 17	7:52 pm	1:07 am Dec 18	NOVA Moore	CVECO Information	**INFORMATION ONLY** NOVA CHEMICALS MOORE SITE IS ISSUING AN INFORMATION ONLY FOR A SHUTDOWN IN THEIR LOW DENSITY UNIT, WHICH MAY CAUSE HIGH FLARING AND SMOKE.		
Dec 19	10:13 am	11:21 am	Imperial	CVECO Information	**INFORMATION ONLY** ALL CLEAR FOR IMPERIAL OIL HIGH FLARING DUE TO UNIT UPSET		
Dec 20	4:57 pm	5:03 pm	Imperial	CVECO Information	**INFORMATION ONLY** IMPERIAL OIL 602 CHRISTINA ST S - SENT AT 1536 - RESPONSE TO UNIT ABNORMAL CONDITIONS		

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Dec 20	5:23 pm		Imperial	MECP (SAC) Information Email>>>	<p><b>MECP Reference Number:</b> 1725-B7MRXD  <b>Date/Time Incident Occurred:</b> Dec 20, 2018 15:20  <b>Date/Time Incident Reported to MECP:</b> Dec 20, 2018 15:30  <b>Company name (if known):</b> Imperial Oil  <b>Location of Incident:</b> Imperial Oil - Sarnia Refinery - 602 Christina Street S Sarnia  <b>Company description of incident and actual/expected duration:</b> Droplets of light hydrocarbon sheen in St. Clair River. Contained as of 16:20.  <b>Company description of actual/expected adverse effect:</b> Sheen to St. Clair River.  <b>Actions being taken by the facility to respond:</b> Booms placed at outfall. Contained to site.  <b>Agencies/Parties responding:</b> MECP District Office briefed. Downstream water users notified.</p>		
Dec 21	7:59 am	8:26 am	Imperial	CVECO Information	**INFORMATION ONLY** FOR IMPERIAL OIL AT 602 CHRISTINA STREET SOUTH. MEDICAL ASSIST.		
Dec 21	5:13 pm		Unknown	MECP (SAC) Information Email>>>	<p><b>MECP Reference Number:</b> 6234-B7NS9B  <b>Date/Time Incident Occurred:</b> 2018/12/21 15:30  <b>Date/Time Incident Reported to MECP:</b> 2018/12/21 15:40  <b>Company name (if known):</b> Unknown  <b>Location of Incident:</b> Observed behind 1900 River Rd, Sarnia  <b>Company description of incident and actual/expected duration:</b> Sheen was observed flowing down the St Clair River  <b>Company description of actual/expected adverse effect:</b> Unknown material in St Clair River  <b>Actions being taken by the facility to respond:</b> MECP ERP and City of Sarnia responding  <b>Agencies/Parties responding:</b> MECP ERP and City of Sarnia</p>		
Dec 21	6:33 pm		Suncor	CVECO Information	Information only issued for Suncor at 1900 Saint Clair Parkway. A light grey sheen is accumulating in the dock area, appears to be coming from north of the Suncor dock. It looks similar to previous sheens that have been attributed to biological material.		
Dec 22	1:33 am	4:29 pm	CF Industries	CVECO Information	Information Only. CF Industries Courtright Nitrogen Complex Nitric Unit will be shutting down. There may be an odor during this time.		
Dec 22	6:56 pm	7:00 pm	CF Industries	CVECO Information	**INFORMATION ONLY** CF Industries issued an info only for a nitrogen complex starting up the nitric acid unit. Possibility of loud noise and slight discharge to the air with no off site impact.		
Dec 23	2:05 pm	9:01 pm	Plains Midstream	CVECO Information	**INFORMATION ONLY** Plains midstream at 1182 plank road, has a plant startup. possible flaring in area.		
Dec 25	4:43 am		Suncor	MECP (SAC) Information Email>>>	<p><b>MECP Reference Number:</b> 7555-B7SD9A  <b>Date/Time Incident Occurred:</b> 12/25/2018 04:20  <b>Date/Time Incident Reported to MECP:</b> 12/25/2018 04:34  <b>Company name (if known):</b> Suncor  <b>Location of Incident:</b> 1900 River Rd, Sarnia  <b>Company description of incident and actual/expected duration:</b> Increased flaring  <b>Company description of actual/expected adverse effect:</b> Increased flaring potentially lasting for the next couple of hours  <b>Actions being taken by the facility to respond:</b> N/A  <b>Agencies/Parties responding:</b> N/A</p>		
Dec 25	5:04 am	3:04 pm	Suncor	CVECO Information	**INFORMATION ONLY** Suncor has the potential for increased flaring on the main flare stack.		

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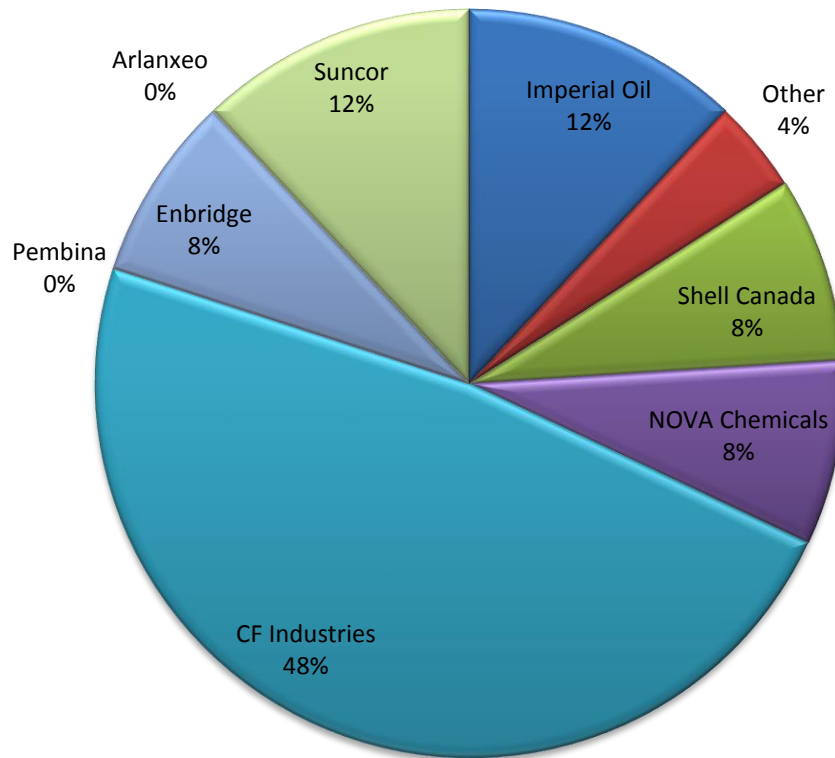
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Dec 28	2:58 pm	6:40 pm	Plains Midstream	CVECO Information	<b>**INFORMATION ONLY**</b> PIAINS MIDSTREAM AT 1182 PLANK ROAD WILL HAVE ROUTINE MAINTENANCE, POSSIBLE HYDROCARBON ODOURS MY BE NOTICED.		
Dec 29	10:16 am	9:44 am Jan 4	CN Rail	CVECO Information	Information issued at the CN rail yard, 341 Russel street south for a derailment of 3 cars, all up right with no leaking. location is at modeland road		

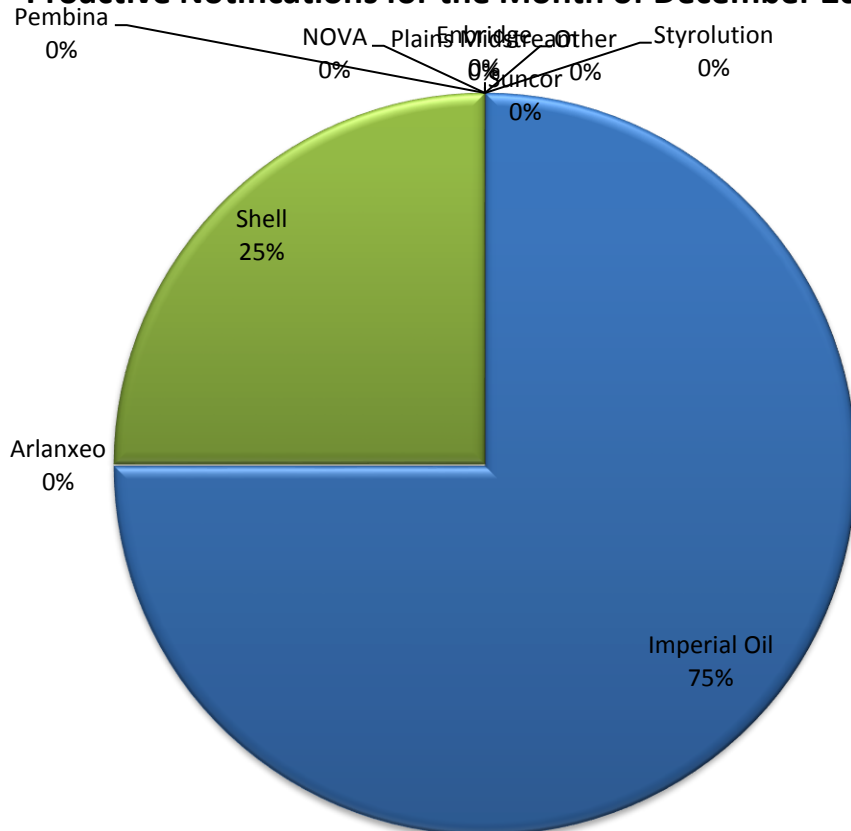
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## Incident Notifications for the Month of December 2018



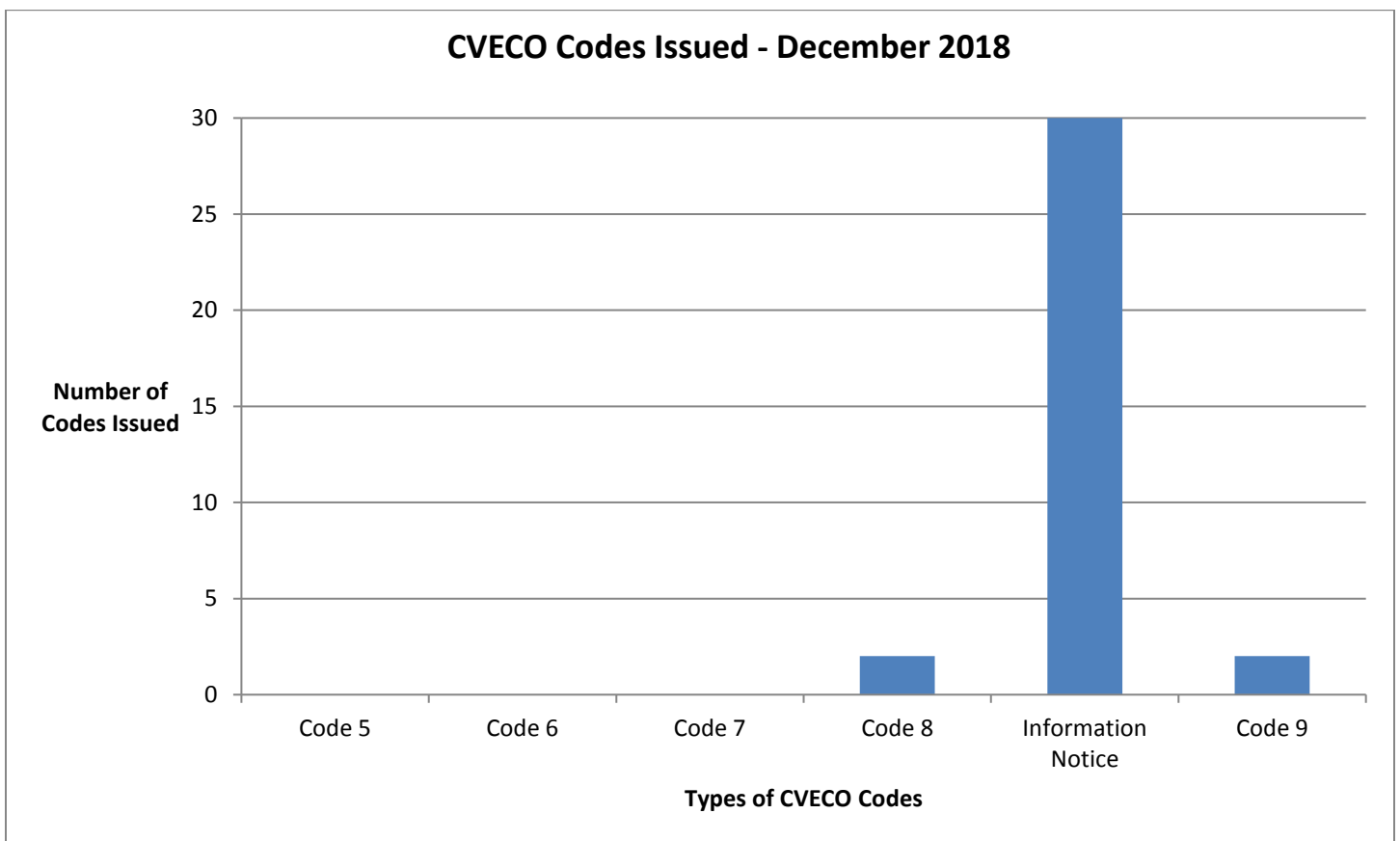
## Proactive Notifications for the Month of December 2018





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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)