

AAMJIWNAANG FIRST NATION

Notification Report

March 2019

Wilson Plain Jr. – Emergency Management Planner

April 2, 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 March 2019.

- 41 notifications were received
- 2 phone calls, 2 text messages, 6 emails and 31 CVECO notifications were received.
- 3 CVECO 'Codes' were issued. 28 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: 13

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
Mar 1	6:26 am		Suncor	CVECO Information	**INFORMATION ONLY** SUNCOR REFINERY AT 1900 SAINT CLAIR PARKWAY HAS A POTENTIAL FOR INCREASED FLARING DUE TO PLANNED MAINTENANCE.		
Mar 1	6:43 am		Suncor	MECP (SAC) Information Email>>>	MECP Reference Number: 7523-B9UEUJ Date/Time Incident Occurred: 2019/03/01 @ 07:00 Date/Time Incident Reported to MECP: 2019/03/01 @ 05:56 Company name: Suncor Energy Inc. Location of Incident: 1900 River Road, Sarnia Company description of incident and actual/expected duration: Potential for increased flaring, up to 24 hours. Company description of actual/expected adverse effect: Elevated flaring. Actions being taken by the facility to respond: Monitoring. Agencies/Parties responding: N/A		FB
Mar 1	11:57 am		Shell Canada	MECP (SAC) Information Email>>>	MECP Reference Number: 4740-B9UMHP Date/Time Incident Occurred: 2019/03/01 at 11:35 Date/Time Incident Reported to MECP: 2019/03/01 at 11:37 Company name (if known): Shell Canada Location of Incident: 130 St Clair Township Company description of incident and actual/expected duration: VRU down for maintenance, ETA 2-3 hours Company description of actual/expected adverse effect: emissions of gasoline vapours to atmosphere Actions being taken by the facility to respond: maintenance Agencies/Parties responding: none UPDATE (3:10 pm): UPDATE: The VRU system is back to normal operation.		FB
Mar 5	9:16 am	5:56 pm	Imperial	CVECO Information	**INFORMATION ONLY** IMPERIAL OIL AT 602 CHRISTINA STREET SOUTH IS CONDUCTING MAINTENANCE WORK IN AREA NUMBER 3, POSSIBLE GROUND FLAIRING FOR THE JOB.		
Mar 7	12:54 pm	11:55 pm	NOVA Corunna	CVECO Information	Information only issued for Nova Corunna for unit upset. High flaring and smokey flare may be visible.		ANS
Mar 7	1:12 pm		NOVA Corunna	MECP (SAC) Information Email>>>	MECP Reference Number: 2827-BA2NUE Date/Time Incident Occurred: Mar 07, 2019 @ 12:33 Date/Time Incident Reported to MECP: Mar 07, 2019 @ 12:46 Company name (if known): NOVA Chemicals. Location of Incident: 785 Petrolia Line, Corunna Company description of incident and actual/expected duration: flare due to Plant upset Company description of actual/expected adverse effect: on-going flare for about 6 hrs. Actions being taken by the facility: Investigating issue		FB

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					<p>Agencies/Parties responding: NA</p> <p>UPDATE (7:16 pm): As of 19:07, their operations are almost back to normal specifications. The flare has reduced, however they do not expect it to diminish until 12:00/midnight this evening. Caller will update SAC at that time.</p>		
Mar 7	1:12 pm		NOVA Corunna	Email from Meaghan Lawrence	<p>Our Corunna facility is experiencing elevated flaring as result of a process upset.</p> <p>The duration of flaring is unknown at this time, and we apologize for the noise and light disturbances that this causes our neighbours and community. We are actively working to return the facility to normal operating conditions as soon as possible. There are no other offsite impacts at this time. Information updates for community are being shared via the CAER Industry Update Line, and I'll reconnect with you as needed.</p>		FB
Mar 8	10:04 am	12:36 pm Mar 12	Imperial	CVECO Information	<p>**INFORMATION ONLY** IMPERIAL OIL IS CONDUCTING MAINTENANCE POSSILBE GROUND FLARING</p>		
Mar 9	4:32 pm		CF Industries	CVECO Information	<p>**INFORMATION ONLY** CF INDUSTRIES HAS A SHUT DOWN. LOUD NOISE AND SMELL.TO LAST APPROXIMATELY 24 HOURS</p>		
Mar 10	3:12 pm	3:35 pm Mar 11	CF Industries	CVECO Information	<p>**INFORMATION ONLY** CF INDUSTRIES HAS A START UP BETWEEN 1600-1700 HOURS.</p>		
Mar 11	11:16 am	11:32 AM Mar 12	Suncor	CVECO Code 8	<p>CODE 8 - XJF738 Suncor is issuing a code 8 for a small fire inside the Plant 3 compound.</p>		ANS
Mar 11	11:26 am		Suncor	MECP (SAC) Information Email>>>	<p>MECP Reference Number: 2400-BA6KSH Date/Time Incident Occurred: Mar 11, 2019 – 10:55 Date/Time Incident Reported to MECP: Mar 11, 2019 – 11:09 Company name (if known): Suncor Energy Inc. Location of Incident: 1900 River Rd. Sarnia Company description of incident and actual/expected duration: Small fire inside facility – duration unknown Company description of actual/expected adverse effect: No off-site impacts at this time Actions being taken by the facility to respond: Internal fire department on-site Agencies/Parties responding: Suncor fire department – Local MECP notified</p>		
Mar 11	1:08 pm	11:32 am Mar 12	Suncor	CVECO Information	<p>Downgraded to an Information Only for potential flaring -CODE 8 - XJF738 Suncor is issuing a code 8 for a small fire inside the Plant 3 compound.</p>		ANS
Mar 12	7:55 am	1:29 pm	Enbridge Pipelines	CVECO Information	<p>**INFORMATION ONLY** PLANNED MAINTENANCE FOR ENBRIDGE AT 1010 PLANK ROAD POSSIBLE PETROLEUM ODOURS</p>		
Mar 12	6:30 pm		Suncor	MECP (SAC) Information Email>>>	<p>MECP Reference Number: 6801-BA7U23 Date/Time Incident Occurred: Ma 10, 2019 @ 08:00 Date/Time Incident Reported to MECP: Mar 12, 2019 @ 18:11 Company name (if known): Suncor Location of Incident: 1900 River Road Company description of incident and actual/expected duration: Small release of benzene within the plant; cleaned. Company description of actual/expected adverse effect: None Actions being taken by the facility to respond: Investigation ongoing. Agencies/Parties responding: MECP Sarnia District Office</p>		

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Mar 14	8:24 pm	10:25 pm	Shell Canada	CVECO Code 8	code 8 issued for 150 saint clair parkway, shell Canada...small fire in process 2		ANS
Mar 14	8:38 pm	9:15 am Mar 16	Shell Canada	CVECO Information	**INFORMATION ONLY** AT SHELL 150 SAINT CLAIR PARKWAY. UNITS DOWN IN PROCESS 2. MULTIPLE UNIT UPSETS		
Mar 14	8:48 pm		Shell Canada	MECP (SAC) Information Email>>>	<p>MECP Reference Number: 3158-BAA2HX Date/Time Incident Occurred: 2019/03/14 @ 20:10 Date/Time Incident Reported to MECP: 2019/03/14 @ 20:25 Company name (if known): Shell Location of Incident: 150 St. Clair Parkway, Corunna Company description of incident and actual/expected duration: Small fire that has been extinguished Company description of actual/expected adverse effect: Elevated flare and noise Actions being taken by the facility to respond: Responding and investigating Agencies/Parties responding: MECP ERP and Shell investigating</p>		
Mar 14	11:23 pm		Shell Canada	Email from Shell Canada	<p>This is a message from the Shell Manufacturing Centre in Corunna for Thurs. March 14, 2019.</p> <p>We have been working to effectively and safely deal with an upset at the refinery. As a result of this upset the EOC was activated at 8:19 p.m.</p> <p>There is elevated flaring.</p> <p>Regular air monitoring is occurring and no off-site readings at this time. All safety precautions and standard regulatory protocols are being followed. We are updating SAC and CVECO as needed.</p> <p>At 10:20 p.m. the CVECO code was updated to an information code only.</p> <p>The situation is being managed through our trained professionals and we continue to ensure the safety of all workers and environment while this is being addressed.</p> <p>There is no assistance from St Clair Township or Sarnia first responders required at this time.</p> <p>If you have any concerns please feel free to contact the site directly at 519-481-1245.</p>		
Mar 15	12:53 am		NOVA Chemicals	MECP (SAC) Information Email>>>	<p>MECP Reference Number: 5531-BAA5UY Date/Time Incident Occurred: 2019/03/14 @ 21:00 Date/Time Incident Reported to MECP: 2019/03/14 @ 23:16 Company name (if known): Nova Chemicals Location of Incident: 785 Petrolia Line, Corunna Company description of incident and actual/expected duration: Crude oil leak to containment area Company description of actual/expected adverse effect: No off-site impacts expected Actions being taken by the facility to respond: Pump trucks being brought to site to pump containment area Agencies/Parties responding: MECP ERP and NOVA</p>		
Mar 16	9:15 pm	9:22 am Mar 22	Shell Canada	CVECO Information	Update - Units starting up **INFORMATION ONLY** AT SHELL 150 SAINT CLAIR PARKWAY. UNITS DOWN IN PROCESS 2. MULTIPLE UNIT UPSETS		
Mar 18	8:55 am		Unknown	MECP Initial Information Email>>>	<p>Initial Information E-mail for Aamjiwnaang First Nation Burnt Rubber Odour Complaint in Vicinity of LaSalle Line and Vidal St. MOECC Reference Number: 4010-BA8PJA Date/Time Incident Occurred: Mar 13, 2019 at 10:15 am Date/Time Incident Reported to MOECC: Mar 13/19 10:23am Company name (if known): Unknown Location of Incident: In the area of LaSalle Line and Vidal St. What has occurred?</p>		FB

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					<p>This notification is for an odour complaint on March 13, 2019. A resident contacted the ministry's Sarnia District Office to report a strong burnt rubber odour. According to the Clean Air Sarnia and Area (CASA) website, the winds were from the south and light. The station monitors were in the "good" range for air quality during that time. Ministry staff were not able to confirm the odour.</p> <p>What action was taken? Ministry staff inspected the area at approximately 11:15 am and again at 1:20 pm on March 13, 2019. Ministry staff checked for odours and used hand held air monitoring equipment to sample for volatile organic compounds and sulphur dioxide at several locations in the area. Ministry staff did not detect burnt rubber odours or any pollutants with the equipment.</p> <p>Ministry staff called Shell Canada to ask about their operations and check for any activities or issues that could cause this odour and requested the company complete an inspection around their site. Shell staff inspected their site and conducted air quality monitoring. The company reported to the ministry that there was no detection of pollutants from their air monitoring and there were no operational issues identified.</p> <p>Other agencies/parties responding: No other agencies responding</p> <p>Updates expected? No further updates.</p>		
Mar 18	8:58 am	5:40 pm Mar 19	Imperial	CVECO Information	INFORMATION ONLY, ISSUED FOR IMPERIAL OIL XJF742, LOCATED AT 602 CHRISTINA STREET SOUTH. A MINOR FLARE MAY BE OBSERVED, DUE TO MAINTENANCE WORK BEING DONE.		
Mar 19	10:47 pm		Suncor	MECP (SAC) Information Email>>>	<p>MECP Reference Number: 3445-BAF4Z5 Date/Time Incident Occurred: Mar 19, 2019 @ 2200 Date/Time Incident Reported to MECP: Mar 19/19 2232 Company name (if known): Suncor Refinery Location of Incident: 1900 River Road, Sarnia Company description of incident and actual/expected duration: Ongoing flaring occurring due to unit being down for maintenance. Company description of actual/expected adverse effect: flaring with potential for noise Actions being taken by the facility to respond: conducting maintenance on unit Agencies/Parties responding: n/a</p>		
Mar 19	11:04 pm		Suncor	CVECO Information	**INFORMATION ONLY UPDATE** SUNCOR REFINERY AT 1900 SAINT CLAIR PARKWAY UPDATING TO INCREASED FLARING DUE TO PLANNED MAINTENANCE.		
Mar 20	11:31 am	4:50 pm	Plains Midstream	CVECO Information	****INFORMATION ONLY**** PLAINS MIDSTREAM AT 1182 PLANK ROAD IS CONDUCTING ROUTINE MAINTENANCE WITH POSSIBLE ODOURS FROM VENTING.		ANS
Mar 20	8:07 pm	8:49 pm	NOVA Moore	CVECO Code 8	CODE 8 has been issued at 510 Moore line, Nova Moore for a fire in the shell in low density. Under investigation. Correction (8:23 pm): CORRECTION FIRE IN THE CELL , NOT SHELL.		
Mar 20	10:02 pm		NOVA Moore	Email from Meaghan Lawrence	Sharing that our Moore facility responded to a small fire in its low-density unit this evening. The event resulted in elevated flaring with no other offsite impact, and the all clear has now been declared. Should you have any further questions, please don't hesitate to reach out.		

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Mar 21	1:49 pm		Imperial	Email from Kristina Zimmer	<p>I'd like to notify you that Imperial's Sarnia manufacturing site is undergoing a period of planned maintenance that will be supported by a peak contractor labour force of about 750 skilled tradespeople. Work is getting underway and is expected to continue for several weeks, with individual units coming off-line and restarting at various times within the overall period. Safety is our top priority, and protecting the safety of people and the environment during this work is important to us. This scheduled maintenance will provide the opportunity for detailed inspections of equipment that is normally in continuous operation. Routine maintenance, as well as installation of facility improvement projects, will occur.</p> <p>As a result of this planned maintenance, there may be increased traffic in the vicinity of the site, particularly at the start and end of the workday. There will be intermittent use of our flare system during the work period. Our flares are environmentally-approved safety devices intended to burn off excess product or materials, and they are especially important whenever we shut down or restart process units. We plan to take measures to minimize the use of flaring where possible. Please let me know if you have any questions or concerns. As well, Imperial's 24/7 operations line is 519-339-5666.</p>		FB
Mar 21	11:06 pm	7:24 pm	Plains Midstream	CVECO Information	**INFORMATION ONLY** Plains Midstream advised possible odour due to plant maintenance		ANS
Mar 22	11:11 am	2:40 pm Mar 23	Imperial	CVECO Information	Imperial oil at 602 Christina st issuing an information for a cat cracker unit upset with potential high flaring.		ANS
Mar 23	2:46 pm	3:55 pm	Imperial	CVECO Information	IMPERIAL OIL ISSUING INFORMATION FOR HYDRO CRACKER UNIT SHUTDOWN - POTENTIAL FOR HIGH FLARING		
Mar 23	10:31 pm		Unknown	MECP (SAC) Information Email>>>	<p>MECP Reference Number: 7886-BAK4JK Date/Time Incident Occurred: 2019/03/23 @ 22:00 Date/Time Incident Reported to MECP: 2019/03/23 @ 22:08 Company name (if known): Unknown Location of Incident: Unknown Company description of incident and actual/expected duration: Unknown Company description of actual/expected adverse effect: Strong Odour Actions being taken by the facility to respond: N/A Agencies/Parties responding: MECP Sarnia ERP Responding</p>		
Mar 24	2:45 pm	10:51 am Mar 29	Imperial	CVECO Information	Information only issued for Imperial Oil - XJF 742, 602 Christina Street South, Sarnia, for an internal line leak.		
Mar 24	3:51 pm		Imperial	MECP (SAC) Information Email>>>	<p>MECP Reference Number: 0084-BAKPVQ Date/Time Incident Occurred: Mar 24/19 @13:20 Date/Time Incident Reported to MECP: Mar 24/19 @14:39 Company name (if known): Imperial Oil Location of Incident: 602 Christina Street South, Sarnia Company description of incident and actual/expected duration: Onsite hydrocarbon leak, leak has ceased. Company description of actual/expected adverse effect: Onsite odours. Actions being taken by the facility to respond: Cleanup is ongoing. Agencies/Parties responding: MECP Sarnia District Office</p>		
Mar 24	5:56 pm		Imperial	Email from Kristina Zimmer	Imperial personnel are responding to an on-site release of liquid product from a line. The release is a gasoline-type material and was discovered the afternoon of March 24. The		FB

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					<p>line was isolated and the leak contained to Imperial's property at this time. The Imperial emergency response team responded using foam, and vacuum trucks were deployed. The site's Emergency Operations Centre was activated as a precautionary measure. Air monitoring was initiated at the fence line and has shown no readings. A CVECO Information Notice was called, and the Ministry of Environment, Conservation and Parks was also notified.</p> <p>Please contact me with any questions or concerns. Imperial's 24/7 operations line can be reached at 519-339-5666.</p>		
Mar 25	9:39 am		Imperial	CVECO Information	XJF742 IMPERIAL OIL ISSUING AN INFORMATION AT THIS TIME FOR PLANT MAINTENANCE WITH POTENTIAL FOR HIGH FLARING.		ANS
Mar 25	4:09 pm		Suncor	MECP Update Information Email>>>	<p>Update Information E-mail for Aamjiwnaang First Nation – Suncor spill of benzene to contained area MECP Reference Number: 6801-BA7U23 Date/Time Incident Occurred: March 10/19 at 6:30 am (company became aware at 8:00 am) Date/Time Incident Reported to MECP: Mar 12/19 6:11 pm Company name (if known): Suncor Location of Incident: 1900 River Road What Has Occurred? This update is for a spill that happened on March 10, 2019 with an initial e-mail sent to Aamjiwnaang First Nation on March 12, 2019. The ministry received a complaint on March 12, 2019 regarding a spill of benzene on March 10, 2019. Ministry staff contacted Suncor to confirm the spill and required the company to report the spill to the ministry's Spills Action Centre (SAC). Suncor reported to SAC that approximately 1,000 litres of benzene released to a contained area on their site. According to the CASA air quality monitoring network, the wind direction was from the southwest. What Actions Were Taken? The company isolated the leak at approximately 8:30 am on March 10, 2019. The company used a vacuum truck to remove the spilled material. According to the company's fence line monitors, volatile organic compounds were detected at a monitor along the St. Clair Parkway across from TransAlta. Ministry staff contacted the company on March 12 and March 14, 2019 to gather additional details of the spill, including their fence line monitoring results. Agencies/Parties responding: No other agencies responded.</p>		FB
Mar 25	4:10 pm		Shell Canada	MECP Update Information Email>>>	<p>Update Information E-mail for Aamjiwnaang First Nation – Shell Canada – Fire and Unit Shutdown MECP Reference Number: 3158-BAA2HX Date/Time Incident Occurred: March 14, 2019 at 8:10 pm Date/Time Incident Reported to MECP: March 14, 2019 at 8:25 pm Company name (if known): Shell Canada Location of Incident: 150 St. Clair Parkway, Corruna What Has Occurred? This update is for a fire and process upset that happened on March 14, 2019 with an initial notification sent to Aamjiwnaang First Nation on March 14, 2019. The company called the ministry's Spills Action Centre to report two units were shutdown due to a small fire. The fire started at 8:10 pm and was put out at 8:26 pm. According to the Clean Air and Sarnia Area air monitoring network, the wind was from the south and strong. Air monitors were in the "good" range at that time.</p>		FB

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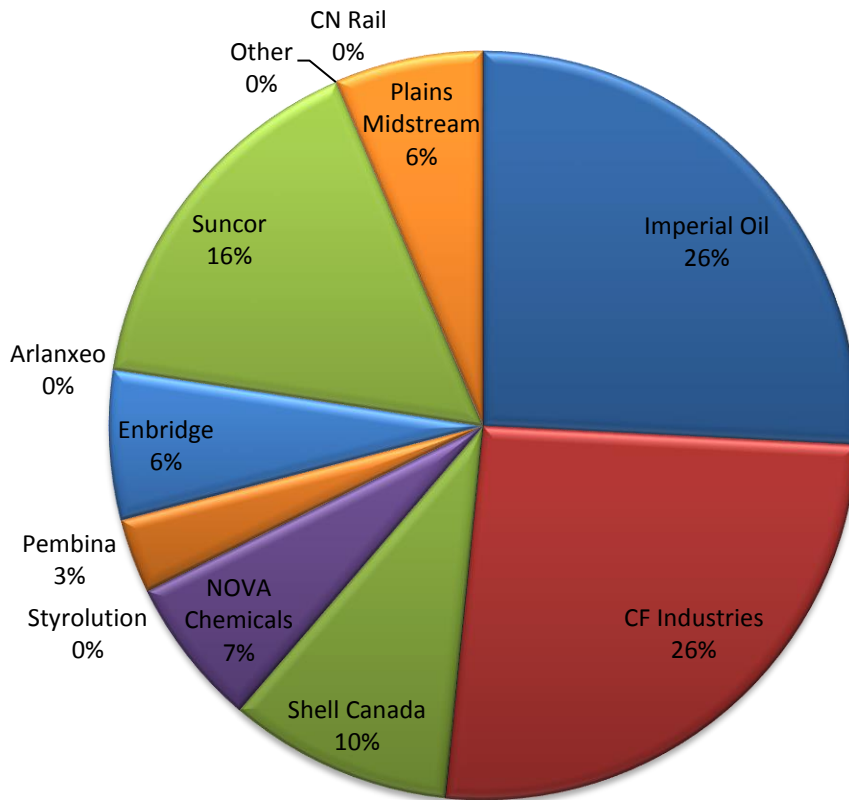
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					<p>What Actions Were Taken? Ministry staff inspected the company's site where the fire occurred at approximately 10:08 pm on March 14, 2019. Ministry staff gathered additional details of the fire. The cause of the fire was a seal leak on a pump. The fire caused two units to shut down, which caused larger than normal flaring. The company conducted air monitoring and hired a third party consultant to continue monitoring around the company's property. Ministry staff conducted air monitoring downwind of the company using hand held equipment and monitored for hydrogen sulphide, sulphur dioxide and volatile organic compounds. There was no detection of pollutants with the air monitoring. Ministry staff observed a slight hydrocarbon odour while in the area. The company continued to monitor the air quality while the units were being restarted. The ministry and the company did not receive any complaints. The company will be providing the ministry with a report and the air quality monitoring results. Agencies/Parties responding: No other agencies responded.</p>		
Mar 25	11:31 pm	2:42 am Mar 26	CF Industries	CVECO Information	**INFORMATION ONLY** CF Industries Courtright Nitrogen Nitric Acid Unit has shut down.		
Mar 26	2:46 am	5:00 am	CF Industries	CVECO Information	**INFORMATION ONLY** CF Courtright Nitrogen Complex Nitric Acid Unit are starting up. There may be venting, loud noises and a possibility of an odor during this time.		
Mar 27	7:56 am	5:55 pm	???	CVECO Information	**INFORMATION ONLY** conducting routine maintenance..possible petroleum odours		
Mar 27	9:57 am	10:23 am	Imperial	CVECO Information	**INFORMATION ONLY** imperial oil issuing information for a medical issue		
Mar 27	5:49 am		CF Industries	CVECO Information	information c f courtright complex a 2 unit shut down, venting and flaring		
Mar 27	6:59 pm	4:59 pm Mar 29	CF Industries	CVECO Information	CF industries at 161 Bickford line issuing an information for a urea unit shut down. Ammonia odour may be experienced during this time.		
Mar 28	9:26 pm	4:23 am Mar 31	CF Industries	CVECO Information	**INFORMATION ONLY** C F INDUSTRIES, COURTRIGHT, ISSUING INFORMATION. NITRIC UNIT WILL BE STARTING UP AT 22:00 HOURS.		
Mar 29	11:30 am		Suncor	Email from Jennifer Johnson	The Suncor Sarnia refinery is completing the process of re-starting a unit following a period of planned maintenance. Periods of visible flaring and increased noise levels are possible during this time. We are working to minimize the need for flaring and apologize for any disruptions this may cause for the community. We have provided the appropriate notification of this activity to both CVECO and the Spills Action Centre. I have also recorded this information to the CAER Industry Update Line (1-855-472-7642) for community members to access.		FB
Mar 30	3:39 pm		Suncor	CVECO Information	**INFORMATION ONLY UPDATE** SUNCOR REFINERY AT 15:28 HOURS, MARCH 30, SAINT CLAIR PARKWAY UPDATING TO INCREASED FLARING DUE TO PLANNED MAINTENANCE.		
Mar 30	7:59 pm	4:21 am Mar 31	CF Industries	CVECO Information	**INFORMATION ONLY** CF Courtright nitric unit will be starting up. There may be venting and odour experienced during this time.		
Mar 31	10:28 am	2:31 pm	Pembina	CVECO Information	**INFORMATION ONLY** Pembina is issuing an information only for a power outage on the west side of Highway 40. Potential for high flaring.		

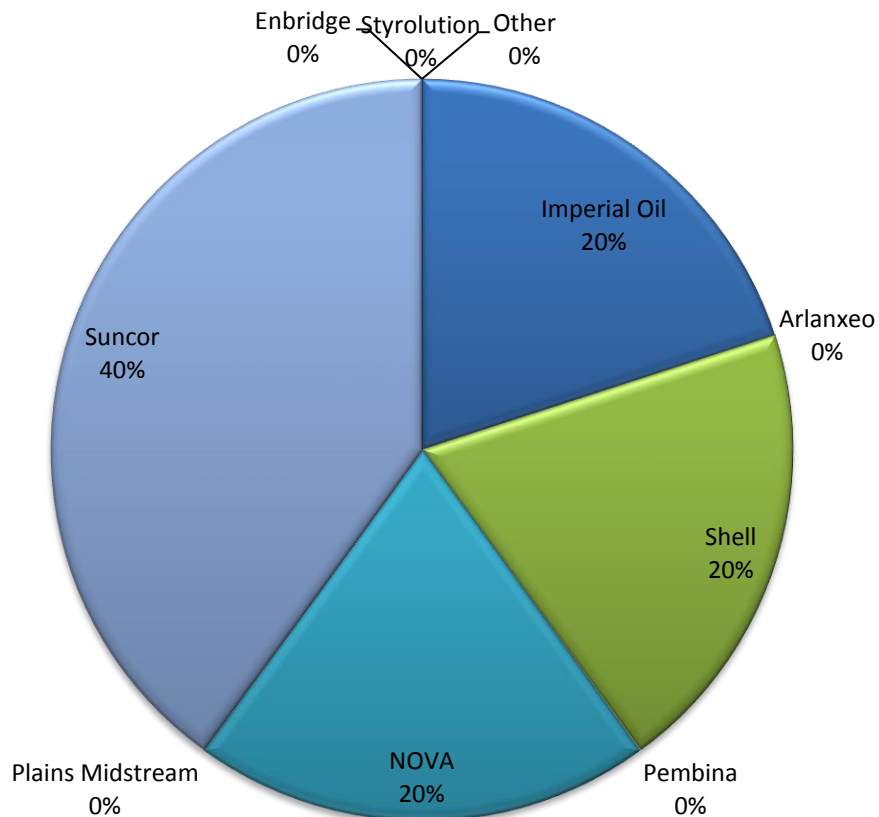
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Incident Notifications for the Month of March 2019

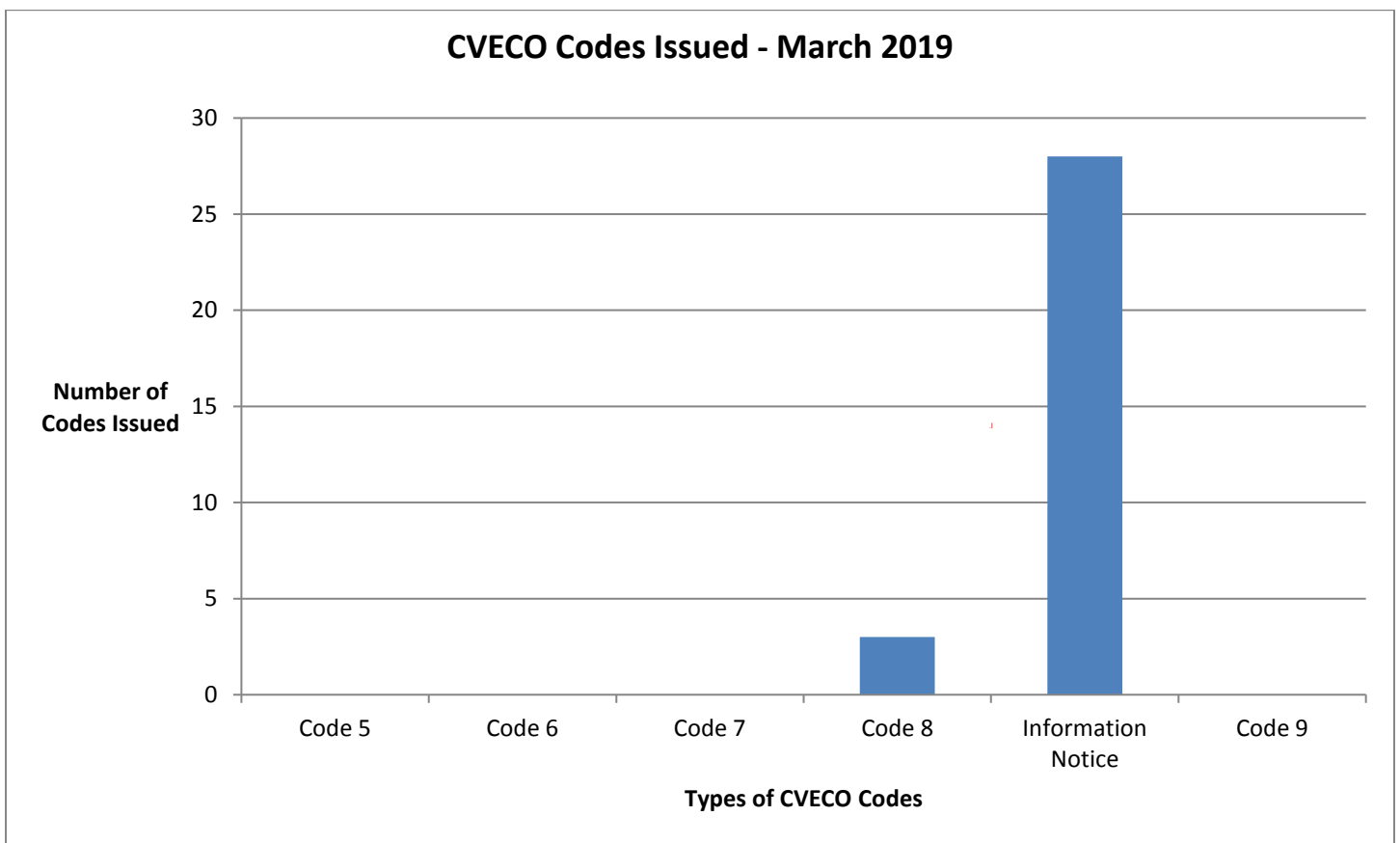


Proactive Notifications for the Month of March 2019



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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)