

AAMJIWNAANG FIRST NATION

Notification Report

October 2018

Wilson Plain Jr. – Emergency Management Planner

November 5, 2018

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 October 2018.

- 37 notifications were received
- No phone calls, no text messages, 5 emails and 19 CVECO notifications were received.
- 5 CVECO 'Codes' were issued. 14 CVECO 'Information Notices' were issued.
- 12 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
Oct 1	12:49 am		Suncor	Email from J. Johnson	<p>On Tuesday, October 2, at approximately 10 a.m. (ET) the Suncor Sarnia refinery will be conducting an emergency response drill. Sarnia Fire has been invited to participate, so community members may notice fire trucks on-site. During the exercise the siren will also be sounded.</p> <p>Should an emergency occur during this time, immediate notification will be provided via the regular channels including the CAER Industry Update Line.</p> <p>Emergency response exercises are developed to help us test and validate our emergency response plans in a safe learning environment.</p> <p>I am out of the office this week but still available by cell if you have any questions. Of course, you can always call the Main Gate and speak to a Shift Supervisor if you needed anything urgently.</p>		ANS
Oct 1	10:04 am		Imperial	MECP Update Information Email>>>	<p>Update Information E-mail for Aamjiwnaang First Nation – Imperial Oil, Black Smoke Complaint MECP Reference Number: 6086-B4QSJY Date/Time Incident Occurred: Sept 18, 2018 at 4:55 pm Date/Time Incident Reported to MECP: Sept 18/18 at 4:55 pm Company name (if known): Imperial Oil Location of Incident: 675 Vidal St, Sarnia What has occurred? This update is for a complaint of black smoke from Imperial Oil on September 18, 2018. A resident called the ministry's Spills Action Centre to report black smoke from Imperial Oil's stack on Vidal St. The air monitoring stations were showing the air quality was in the good (green) range at the time of the call. According to the air quality data on the CASA website, the winds were light and mostly from the north.</p> <p>What action was taken? Ministry staff contacted Imperial Oil at approximately 5:17 pm to gather information on the company's activities and discuss the resident's concern. The black emissions, resulting in increased opacity, were due to the company conducting unplanned maintenance on a piece of equipment with a unit partially shut down. The increased emissions included petroleum coke, which is a refinery by-product. The company is required to take steps to reduce the amount of emissions during maintenance and to test the emissions from the stack each time they shut down the equipment. Imperial Oil has previously monitored the emissions and confirmed that the emissions have not exceeded ministry air standards.</p> <p>The company also confirmed that community notifications, including to Aamjiwnaang First Nation, were originally sent on</p>		FB

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Oct 1	11:05 am		Shell Canada	<p>MECP Update Information Email>>></p>	<p>Update Information E-mail for Aamjiwnaang First Nation – Detection of Hydrocarbons During Discharge of Stormwater to Talfourd Creek</p> <p>MECP Reference Number: 1335-B454KD</p> <p>Date/Time Incident Occurred: Aug 29/18 at 8:00 pm</p> <p>Date/Time Incident Reported to MECP: Aug 29/18 - 10:10 pm</p> <p>Company name (if known): Shell Canada</p> <p>Location of Incident: 150 St. Clair Parkway</p> <p>What has occurred?</p> <p>This update is for elevated hydrocarbons detected in an analyzer for stormwater and cooling water discharge to Talfourd Creek on August 29, 2018. The company called the ministry's Spills Action Centre to report low levels of hydrocarbons detected from their analyzer upstream of the discharge of stormwater and cooling water. The analyzer detects hydrocarbons approximately 45 minutes before the actual discharge to Talfourd Creek. The company was not able to determine the cause of the analyzer detection. There were no impacts to Talfourd Creek.</p> <p>What action was taken?</p> <p>The company took samples of the discharge effluent and tested for hydrocarbons at the discharge point to Talfourd Creek. No hydrocarbons were detected in these samples. As a precaution the company checked Talfourd Creek for any environmental impacts and deployed absorbent booms. The company reported no impacts to Talfourd Creek. Ministry staff contacted the company for additional information and checked Talfourd Creek at the company's outfall at approximately 1:30 pm on August 30, 2018. There was no visible sheen or impacts to the creek at the time of the inspection.</p> <p>Other Agencies/Parties responding: No other agencies</p> <p>Updates expected? No further updates expected.</p>		FB
Oct 1	11:08 am	3:28 pm	Plains Midstream	CVECO Information	Plains Midstream is issuing an information only. Pumping out Disulphide Oil Tank. Potential for odour.		
Oct 2	9:27 am	10:12 am	Shell Canada	CVECO Code 8 (Simulated)	XJF737 SHELL HAVING A SIMULATED CODE 8 FOR FIRE SPILL AT RACK 3 ONLY INTERNAL ERT RESPONDING THIS IS ONLY A DRILL		
Oct 2	10:06 am	11:05 am	Suncor	CVECO Code 9 (Simulated)	Code 9 SIMULATION FOR SUNCOR XJF738 FIRE DRILL SARNIA FIRE RESPONDING WITH ONE TRUCK		

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Oct 3	7:33 am	4:40 pm	Pembina Pipelines	CVECO Information	UPDATE FOR PEMBINA HIGH FLARING ON WEST SIDE OF HIGHWAY FORTY. UPDATE IS A POTENTIAL FOR ETHYL MERCAPTAIN ODOUR DUE TO MAINTENANCE ACTIVITIES.		ANS
Oct 3	11:02 am		Unknown	MECP Update Information Email>>>	<p>Update Information E-mail for Aamjiwnaang First Nation – Strong Chemical Odour Complaint MECP Reference Number: 3111-B498A5 Date/Time Incident Occurred: September 3, 2018 at 1:00 am Date/Time Incident Reported to MECP: Sept 3, 2018 1:20 am Company name (if known): Source unknown Location of Incident: Vidal Street South and Wellington Street What has Occurred? This update is for an odour complaint on September 3, 2018. A resident called the ministry's Spills Action Centre to report a strong chemical odour in the vicinity of Vidal St. South and Wellington Street. According to the air quality data on the CASA website, the winds were light and from the south and southwest. The odour could not be confirmed by ministry staff during an inspection and no air pollutants were detected using hand held monitoring equipment. What action was taken? Ministry staff inspected the area at approximately 2:50 am. During the inspection, ministry staff conducted air quality monitoring using hand held equipment to measure sulphur dioxide, hydrogen sulphide and volatile organic compounds. Ministry staff conducted air quality monitoring in the area of the odour complaint and near a facility. No odours or compounds were detected with the equipment during the inspection. Ministry staff contacted one facility to ask if there were any operational upsets or activities that may be the cause of odours. The company reported all operations were normal and checked for odours in the area of the resident. No odours were detected by company staff. Agencies/Parties responding: No other agencies Updates expected? No further updates.</p>		FB
Oct 3	11:03 am		Pembina Pipelines	MECP Update Information Email>>>	<p>Update Information E-mail for Aamjiwnaang First Nation – Pembina Pipeline Spill of Ethyl Mercaptan MECP Reference Number: 4402-B4DLDR and 4844-B4DKCF Date/Time Incident Occurred: September 6, 2018 at 12:50 pm Date/Time Incident Reported to MECP: Sept 7, 2018 11:40 am Company name (if known): 1195714 Alberta Ltd. Location of Incident: 4391 Highway 40, St. Clair Township What has occurred? This update is for a spill of ethyl mercaptan on September 6, 2018. The company called the ministry's Spills Action Centre to report a spill of 1.6 litres of ethyl mercaptan on the top of a rail car. The material did not spill to the ground. According to the air quality data on the CASA website between 12:00 pm and 1:00 pm, the winds were moderate between 8.6 and 21.5 km/hour and were from the north and northwest. No odour complaints were received from the public. What action was taken? The company issued a CVECO code for information and used an odour suppressant in the area. Company staff checked for odours around their fence line and reported no odours were detected. Ministry staff became aware of the spill on September 6, 2018 and inspected the area at approximately 2:00 pm. Ministry staff detected a slight mercaptan odour at Petrolia Line. The odour was brief and faded. Ministry staff contacted the company to gather information on the spill and the company's actions to address potential impacts. Ministry</p>		FB

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					<p>staff reminded the company to report spills to the ministry and the municipality for any incidents that may cause an adverse impact.</p> <p>Agencies/Parties responding: No other agencies</p> <p>Updates expected? No further updates.</p>		
Oct 3	12:54 pm		Suncor	Email from K. McCaig	<p>The Suncor Sarnia Refinery is advising of an onsite release of a small quantity of steam condensate containing mercaptan during maintenance activities. There is a potential for offsite odour. Wind is currently from the southeast.</p> <p>There is no community action required at this time.</p>		FB
Oct 3	1:19 pm	4:34 pm	Suncor	CVECO Information	<p>Suncor at 1900 Saint Clair Parkway issuing an information only for an onsite release of a small quantity of steam condensate containing mercaptan during maintenance activities. There is a potential for offsite odour.</p>	Small quantity was approx. one cup	ANS
Oct 3	1:28 pm		Suncor	MECP (SAC) Information Email>>>	<p>MECP Reference Number: 3303-B57MSJ</p> <p>Date/Time Incident Occurred: 2018/10/03, 11:05</p> <p>Date/Time Incident Reported to MECP: 2018/10/03, 12:52</p> <p>Company name (if known): Suncor Sarnia Refinery</p> <p>Location of Incident: 1900 River Street, Sarnia</p> <p>Company description of incident and actual/expected duration: Due to maintenance activity there is a slight mercaptan odour within property. Giving notification that there may be a chance of offsite odour impact.</p> <p>Company description of actual/expected adverse effect: Possible mercaptan odour offsite</p> <p>Actions being taken by the facility to respond: Report to SAC</p> <p>Agencies/Parties responding: None</p>		FB
Oct 3	4:43 pm		Imperial	MECP (SAC) Information Email>>>	<p>MECP Reference Number: 4033-B57R8C</p> <p>Date/Time Incident Occurred: 15:00 on 2018/10/03</p> <p>Date/Time Incident Reported to MECP: 15:47 on 2018/10/03</p> <p>Company name: Imperial Oil Limited</p> <p>Location of Incident: 602 Christina Street South</p> <p>Company description of incident and actual/expected duration: 3 minute release of primarily Hydrogen as well as Carbon Monoxide.</p> <p>Company description of actual/expected adverse effect: No impacts expected.</p> <p>Actions being taken by the facility to respond: Determining the cause and performing repairs.</p> <p>Agencies/Parties responding: None.</p>		
Oct 5	6:45 am	2:42 pm	Imperial	CVECO Information	<p>Information only issued by Imperial Oil - XJF742, 602 Christina Street, Sarnia, for increased flaring due to unit start up.</p>		ANS
Oct 10	11:56 am	12:06 pm	NOVA Corunna	CVECO Information	<p>INFORMATION issued for Nova Corunna for a worker in need of an ambulance.</p>		
Oct 11	12:14 am		Suncor	MECP (SAC) Information Email>>>	<p>MECP Reference Number: 8428-B5F5PR</p> <p>Date/Time Incident Occurred: 22:05 hrs 2018/10/10</p> <p>Date/Time Incident Reported to MECP: 23:08 hrs 2018/10/10</p> <p>Company name (if known): Suncor</p> <p>Location of Incident: Suncor Sarnia Refinery</p> <p>Company description of incident and actual/expected duration: Area resident called to report a sulfa type odour coming from the Suncor facility</p> <p>Company description of actual/expected adverse effect: Area resident noted eye and throat irritation</p> <p>Actions being taken by the facility to respond: Suncor has been contacted and is conducting a fence line investigation.</p> <p>Agencies/Parties responding: MECP ERP has been contacted and is heading out to site.</p>		

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Oct 11	6:01 pm		Shell Canada	MECP (SAC) Information Email>>>	<p>MECP Reference Number: 2660-B52ECS Date/Time Incident Occurred: Oct 11, 2018 at 17:40 Date/Time Incident Reported to MECP: Oct 11, 2018 at 17:13 Company name (if known): Shell Canada Location of Incident: Shell Canada Sarnia Site at 150 St. Clair Parkway, Corunna, ON. Company description of incident and actual/expected duration: Beginning Start-up Procedures on Oct 11, 2018 at 17:40 to Oct 13, 2018. Company description of actual/expected adverse effect: Shell Canada is not expecting any elevated flaring. Actions being taken by the facility to respond: n/a Agencies/Parties responding: n/a</p>		
Oct 11	6:09 pm		Shell Canada	Email from O. Gover	<p>We are currently conducting maintenance at our refinery and are restarting a unit. Neighbours may notice intermittent noise and flaring over the next several days. The flare system is an important process safety device at a refinery, though we recognize that its use can sometimes be visibly or audibly unsettling for our neighbors. We want to assure our neighbors that occasional flaring is a normal and vital part of keeping the refinery safe during scheduled maintenance activities or unplanned operational disruptions. The health and safety of the community and our people are of the utmost importance. Please do not hesitate to reach out to me should you have questions or concerns.</p>		
Oct 16	9:08 pm	9:35 am	Imperial	CVECO Information	Information only issued by Imperial Oil - XJF742,. 602 Christina Street South, Sarnia, for ambulance on site for medical assist in Imperial Oil Area #1.		
Oct 16	9:33 am	2:42 pm	Enbridge	CVECO Information	Information only issued by Enbridge Pipelines - VCO420, at its 350 La Salle Line, Sarnia location for routine maintenance. There is a potential for petroleum odours, and this planned work is expected to finish by 1600 hours today.		
Oct 17	8:37 pm	8:35 am Oct 19	NOVA Corunna	CVECO Information	**INFORMATION ONLY** Nova Corunna VCW454 located at 785 Petrolia Line, will have high flaring due to unit upset.		
Oct 17	8:42 pm		NOVA Corunna	Email from M. Lawrence	Sharing that our Corunna Site is currently experiencing elevated flaring as a result of a process upset. Personnel are currently investigating. Information updates for community are being shared via the CAER Industry Update Line, and I'll follow up with you as more details emerge.		
Oct 17	9:16 pm		NOVA Corunna	MECP (SAC) Information Email>>>	<p>MECP Reference Number: 0611-B5N2QS Date/Time Incident Occurred: 2018/10/07 at 20:17 Date/Time Incident Reported to MECP: 2018/10/17 at 20:36 Company name (if known): NOVA Chemicals, Corunna Location of Incident: 785 Petrolia Line, Company description of incident and actual/expected duration: heavy flaring and potential noise Company description of actual/expected adverse effect: heavy flaring and potential noise Actions being taken by the facility to respond: CVECO 8 issued Agencies/Parties responding: n/a</p>		
Oct 18	10:36 pm	4:42 pm	NOVA Corunna	Email from M. Lawrence	<p>As an update to my previous message, our Corunna facility continues to experience elevated flaring as a result of a process upset. Personnel are currently managing an issue with the on-site ethane feed system. 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</p>		

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					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.		
Oct 19	8:32 am		Enbridge Pipelines	MECP (SAC) Information Email>>>	<p>MECP Reference Number: 2588-B5PG9H Date/Time Incident Occurred: 2018/10/18 - 22:00 Date/Time Incident Reported to MECP: 2018/10/19 - 08:08 Company name (if known): Enbridge Pipelines Inc. Location of Incident: 350 Lasalle Line. Sarnia, ON. Company description of incident and actual/expected duration: 0.25 litres of crude oil to the ground. Company description of actual/expected adverse effect: None Actions being taken by the facility to respond: Contained and cleaned up the spill. Agencies/Parties responding: MECP Spills Action Centre and MECP Sarnia District Office notified.</p>		
Oct 22	7:07 am	4:29 pm Oct 24	Suncor	CVECO Information	Information only issued for Suncor at 1900 Saint Clair Parkway. Flare gas recovery unit will be shut down for the next few days for planned maintenance. Potential for increased flaring.		ANS
Oct 22	10:57 am	3:26 pm	Enbridge Pipelines	CVECO Information	Information only issued for Enbridge pipelines at 1010 plank road. Conducting routine maintenance and there may be noticeable petroleum odours during this. It is expected to be completed by 3 o'clock today.		
Oct 22	2:22 pm	2:31 pm	NOVA Corunna	CVECO Code 8	Code 8 issued for Nova Corunna at 785 Petrolia line for a fire in the fire water pumphouse.		
Oct 24	5:10 pm		Procor	MECP (SAC) Information Email>>>	<p>MECP Reference Number: 8836-B5URC6 Date/Time Incident Occurred: 2018/10/24 @ 15:53 hrs Date/Time Incident Reported to MECP: 2018/10/24 @ 15:53 Company name (if known): Unconfirmed source Location of Incident: Procor Ltd., 725 Procor Dr., Sarnia Company description of incident and actual/expected duration: The odour complaint was called in by MECP Sarnia staff and was described as a sulphurous, heavy oil odour. Company description of actual/expected adverse effect: The odour was given an intensity ranking of 10/10, but no adverse effects were noted. Actions being taken by the facility to respond: MECP Sarnia has deployed their Emergency Response Person to investigate the odours and determine the possible source. Agencies/Parties responding: MECP Sarnia District Office</p>		
Oct 25	12:00 am	2:34 am	Suncor	CVECO Information	**INFORMATION ONLY** SUNCOR REFINERY AT 1900 SAINT CLAIR PARKWAY unit startup with possible flaring		
Oct 25	7:15 am	3:26 pm	Enbridge	CVECO Information	Enbridge vco420 conducting routine maintenance the public may notice petroleum odours		
Oct 25	9:30 am	4:48 pm	Imperial	CVECO Information	IMPERIAL OIL MAINTENANCE FROM BRINE POND POTENTIAL OPEN FLAME VISABLE		
Oct 27	12:58 pm		NOVA St Clair	MECP (SAC) Information Email>>>	<p>MECP Reference Number: 0342-B5XMDJ Date/Time Incident Occurred: 2018 10 27 @ 11:06hrs Date/Time Incident Reported to MECP: 2018 10 27 12:31hrs Company name (if known): Nova Chemicals Location of Incident: 510 Moore Line, St Clair Company description of incident and actual/expected duration: Company reports test event, and ethylene release for 133 seconds Company description of actual/expected adverse effect: none Actions being taken by the facility to respond: test blow down Agencies/Parties responding:</p>		

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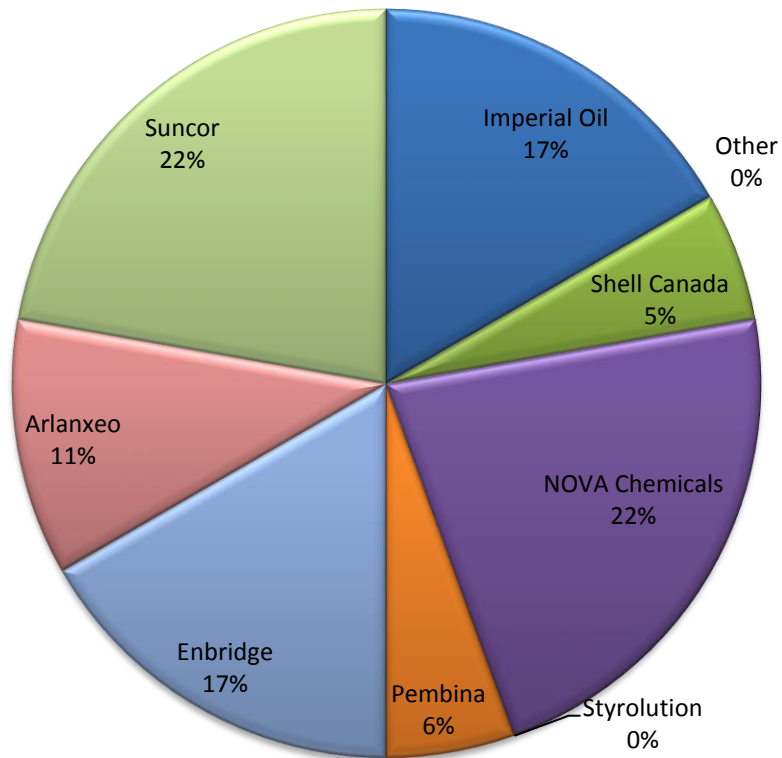
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Oct 30	3:57 pm	6:39 Am Oct 31	NOVA Moore	CVECO Information	**INFORMATION ONLY** NOVA MOORE AT 510 MOORE LINE WILL HAVE LOUDER THEN NORMAL FLARING FOR STEAM OUTAGE.		
Oct 31	8:34 am		Unknown	MECP Update Information Email>>>	<p>Update Information E-mail for Aamjiwnaang First Nation – Odour Complaint MECP Reference Number: 8428-B5F5PR Date/Time Incident Occurred: October 10, 2018 at 11:00 pm Date/Time Incident Reported to MECP: October 10, 2018 at 11:08 pm Company name (if known): Unknown Location of Incident: St. Clair Parkway What has occurred? This update is for an odour complaint on October 10, 2018. A resident of Aamjiwnaang First Nation contacted the ministry's Spills Action Centre to report an odour and symptoms of eye irritation and throat constriction. The resident suspected an industrial facility nearby. According to the air quality data on the CASA website between 10:00 pm and 11:00 pm, the winds were moderate between 21 and 35 km/hour and from the south and southwest. The nearby facility is located north and downwind of the residents address. According to the CASA website, a station located on Front Street detected elevated levels of sulphur dioxide between 10:00 pm and 11:00 pm. This station is further north and located in the City of Sarnia. What action was taken? Ministry staff contacted the nearby company identified by the resident. The company checked their fence line for odours and confirmed there were no operational issues to report and there were no odours around their fence line. Ministry staff inspected the area at approximately 12:30 am on October 11, 2018 to check for odours and conducted air quality monitoring using hand held equipment for sulphur dioxide and hydrogen sulphide. Ministry staff checked the area both upwind and downwind of the resident's location. There was no detection of sulphur compounds with the air monitoring equipment and no odours were detected. Ministry staff followed up with a company that was upwind of the resident's location on October 11, 2018. The company checked their onsite air monitoring data between 10:00 pm and 11:59 pm on October 10, 2018 and modelled their sulphur emissions during that time. The company found no elevated readings of sulphur emissions from their site and found no operational issues. Ministry staff contacted the resident with the results of the inspection. Agencies/Parties responding: No other agencies Updates expected? No further updates.</p>		FB
Oct 31	10:10 am	10:31 am	Arlanxeo	CVECO Code 9 Code 8	Code 9 was issued for from xjf740 for the 500 Kenny street site butyl they have a fire. UPDATE (10:24 am): Code 9 was issued for from xjf740 for the 500 Kenny street site butyl they have a fire THIS CODE 9 HAS NOW BEEN DOWN GRADED TO CODE 8 THE FIRE IS OUT		
Oct 31	10:19 am	10:31 am	Arlanxeo	E-CAN Notification	Fire at Butyl Finishing. Code 9 issued. For updates call 1 8 5 5 472 7642		

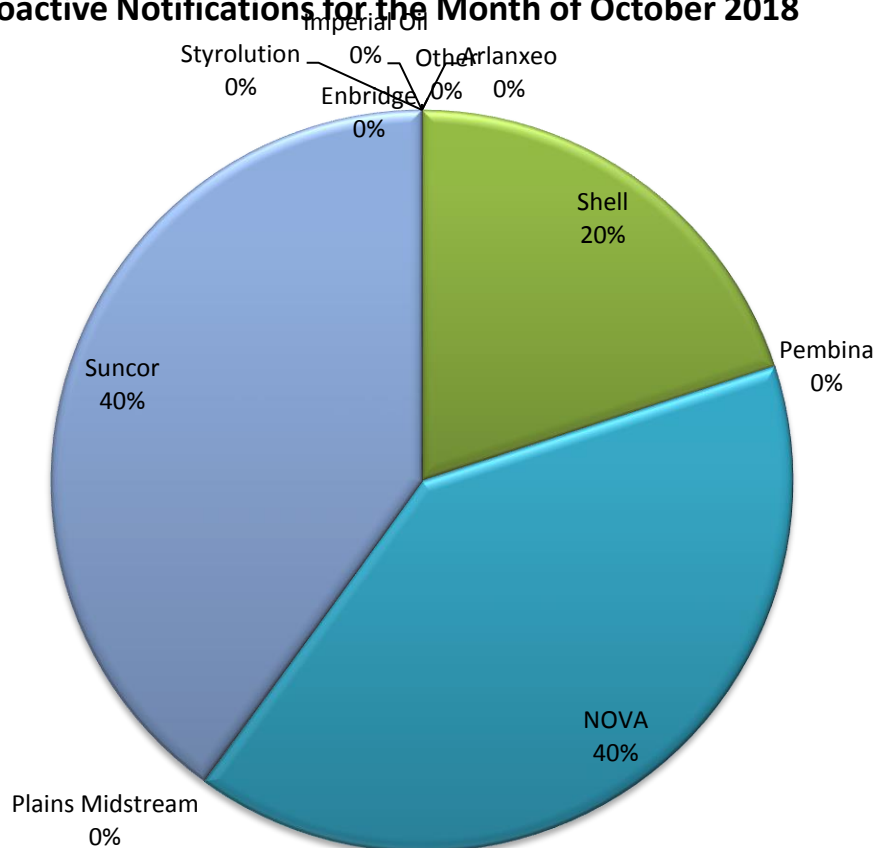
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Incident Notifications for the Month of October 2018

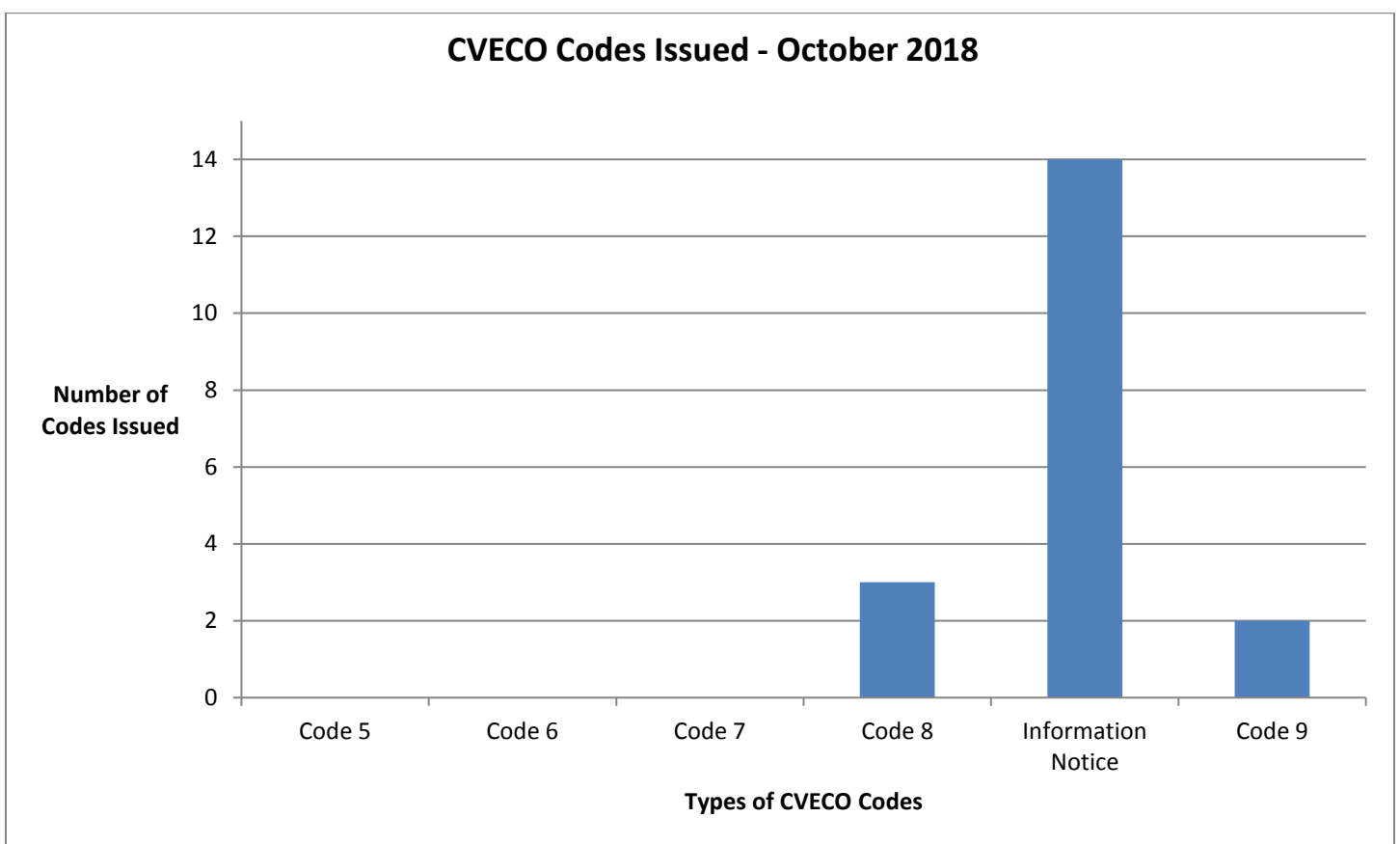


Proactive Notifications for the Month of October 2018



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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)