

AAMJIWNAANG FIRST NATION

Notification Report

July 2018

Wilson Plain Jr. – Emergency Management Planner

August 3, 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 July 2018.

- 42 notifications were received
- No phone calls, no text messages, 5 emails and 23 CVECO notifications were received.
- 4 CVECO 'Codes' were issued. 19 CVECO 'Information Notices' were issued.
- 21 Aamjiwnaang Notifications were sent out (**ANS or FB**)

Ministry of the Environment and Climate Change (MOECC) Information/Update emails received: 19

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
July 1	6:32 am	6:56 am	Praxair	CVECO Code 6	Code 6 was issued for Praxair 1832 Vidal street south. co2 tank valve let go		
July 1	11:48 am		Praxair	MOECC (SAC) Information Email>>>	<p>MOECC Reference Number: 2524-B29KJP Date/Time Incident Occurred: July 1, 2018 at 06:15 Date/Time Incident Reported to MOECC: July 1, 2018 at 10:57 Company name (if known): Praxair Canada Inc. Location of Incident: 1832 Vidal Street South, Sarnia Company description of incident and actual/expected duration: There was a spill of 1,654 gallons or 6,262 litres of liquid carbon dioxide (CO2) that vapourized into the atmosphere from 06:15 to 06:55. The duration was 40 minutes. A white cloud formed over Praxair but disappeared within 5 minutes of the spill being stopped. Company description of actual/expected adverse effect: White cloud of CO2 that vapourized and dispersed into the atmosphere. Actions being taken by the facility to respond: The incident was isolated and a CVECO was issued. Agencies/Parties responding: MOECC ERP personnel will follow up with company</p>		
July 2	9:00 am	4:49 pm	Suncor	CVECO Information	Suncor at 1900 Saint Clair Parkway has issued an information only for CO 2 venting.		
July 2	9:59 am		Suncor	Email from K. McCaig	We have just updated the CAER line with the following message: Due to a third-party disruption, we will be venting CO2 temporarily throughout the day which could result in a visual disturbance for the community. Venting CO2 is a standard operating procedure and can have the appearance of steam. Thank you for calling the CAER information line. Please don't hesitate to call me if you have questions or concerns.		
July 5	2:20 pm		INEOS Styrolution	Email from D. Williamson	Good afternoon, This message is to advise you that you may observe increased flaring at INEOS Styrolution Canada Ltd. due to a unit trip. No community action is required.		FB
July 5	2:32 pm	6:06 pm	INEOS Styrolution	CVECO Information	CVECO Information only issued for BAZ 238 - INEOS Styrolution, 872 Tashmoo Avenue, Sarnia for high flaring due to unit upset.		ANS
July 5	7:40 pm	4:24 pm July 7	Plains Midstream	CVECO Information	Plains Midstream XNZ861 issuing an information only at 1900hrs July 5/2018. Power failure and restart at 1930hrs.		
July 5	9:51 pm	4:56 am July 5	INEOS Styrolution	CVECO Information	INEOS Styrolution - BAZ 238 issuing an information only. High flaring due to unit start up.		

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July 6	9:29 am	1:24 pm	Suncor	CVECO Information	INFORMATION ONLY- SUNCOR ENERGY INC AT 1900 ST CLAIR PARKWAY. SUNCOR SARNIA REFINERY WILL BE VENTING CO2 AT THIS TIME IN PLANT 3. AS A RESULT, THERE MAY BE A POSSIBILITY OF VISIBLE VENTING IN THE AREA DURING THIS VENTING PROCESS.		ANS
July 6	9:40 am		Suncor	Email from K. McCaig	Good Morning. The following message has been posted this morning on the CAER Information Line: This is a message from the Suncor Sarnia Refinery on Friday, July 6 2018 at 9:35 am Due to maintenance on our site, we will be venting CO2 temporarily throughout the day which could result in a visual disturbance for the community. Venting CO2 is a standard operating procedure and can have the appearance of steam. Notifications have been made to CVECO and the Ministry of Environment and Climate Change. Thank you for calling the CAER information line.		FB
July 6	9:49 am		Suncor	MOECC (SAC) Information Email>>>	MOECC Reference Number: 2030-B2EH3Z Date/Time Incident Occurred: July 6, 2018 @ 0830 hrs Date/Time Incident Reported to MOECC: July 6, 2018 @ 0851 Company name (if known): Suncor Sarnia Refinery Location of Incident: 1900 River rd, Sarnia Company description of incident and actual/expected duration: Due to maintenance issues, they are venting CO2 Company description of actual/expected adverse effect: n/a Actions being taken by the facility to respond: Should be back online by 1200 hrs Agencies/Parties responding: n/a		FB
July 6	10:39 am		INEOS Styrolution	Email from D. Williamson	Good morning, This message is to advise you that INEOS Styrolution Canada Ltd. has safely brought the unit back to normal operations. We apologize for any inconvenience this may have caused. Danielle Williamson		FB
July 9	8:28 am		Praxair	MECP Update Information Email>>>	Update Information E-mail for Aamjiwnaang First Nation – Praxair - Spill of Carbon Dioxide MECP Reference Number: 2524-B29KJP Date/Time Incident Occurred: July 1, 2018 at 6:15 am Date/Time Incident Reported to MECP: July 1, 2018 10:57 am Company name (if known): Praxair Canada Inc. Location of Incident: 1832 Vidal Street South, Sarnia What has occurred? This update is for a reported spill on July 1, 2018. Praxair contacted the ministry's Spills Action Centre to report a leak of liquid carbon dioxide from a pipe. The carbon dioxide turned into a gas when in contact with the air and formed a cloud above the company's site. No complaints or offsite impacts were received by the ministry or the company. What action was taken? The company issued a CVECO notification and requested traffic control in case the carbon dioxide gas migrated off site. The company shut down the plant, isolated the leak and repaired the equipment. The company issued an all clear at 6:55 am on July 1, 2018. The ministry's Environmental Response Person inspected the area and gathered additional details about the spill and the company's actions to address and report the spill. The ministry has required the company to provide a root cause analysis report and the corrective actions they took to address the cause of the spill. Other agencies/parties responding: No other agencies. Updates expected? No further updates.		FB

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July 9	8:30 am		Imperial	MECP Update Information Email>>>	<p>Update Information E-mail for Aamjiwnaang First Nation – Flaring Complaint – Imperial Oil MECP Reference Number: 1076-B25HPX Date/Time Incident Occurred: June 27, 2018 at 9:00 am Date/Time Incident Reported to MECP: June 27, 2018 at 9:23 am Company name (if known): Imperial Oil Location of Incident: 695 Vidal St, Sarnia What has occurred? This update is for a flaring complaint on June 27, 2018. A resident of Aamjiwnaang First Nation called the ministry’s Spills Action Centre to report a large flare at Imperial Oil. The resident noted that the company did not issue a notification for the flaring. What action was taken? Ministry staff contacted the company at approximately 9:46 am on June 27, 2018 to gather additional information on the flaring. The company confirmed they were continuing to flare due to start-up procedures for the restart of units resulting from a power outage on June 18, 2018. The company issued a notification for the flaring June 18, 2018. This notification indicated that flaring was expected over the next several days as equipment and units were brought back on line. The gases that were directed to the flare included propane, butane, methane and ethane. Ministry staff contacted the resident at approximately 9:50 am on June 27, 2018 to provide the information on the flaring, including what was being flared and the timing of the notification. Other agencies/parties responding: No other agencies involved. Updates expected? No further updates.</p>		FB
July 10	8:54 am	3:10 pm	Enbridge	CVECO Information	Enbridge conducting routine maintenance and public may notice petroleum odours. scheduled to conclude July 10 at noon		ANS
July 10	9:19 am	4:25 pm July 11	Arlanxeo	CVECO Information	Arlanxeo issuing information for a domestic water leak on the butyl ii north west corner, there will be a noticeable amount of sediment in the Cole drain leading to the river		ANS
July 11	6:54 am	4:25 pm	Arlanxeo	CVECO Information	ARLANXEO ADVISING DUE TO A WATER LEAK IN THE BUTYL 2 UNIT THERE WILL BE A NOTICEABLE AMOUNT OF SEDIMENT IN THE COLE DRAIN LEADING TO THE RIVER		
July 11	8:29 am		Imperial	Email from K. Zimmer	I’d like to make you aware that Imperial is beginning routine pipeline maintenance today (July 11) on a small section of pipeline at the Sarnia Manufacturing site. A temporary ground flare will be used, and intermittent flaring may be observed near Vidal Street between Clifford and Kenny streets until July 13. Please feel free to contact me if you have any questions or concerns.		FB
July 11	9:52 am	10:51 am July 13	Imperial	CVECO Information	Imperial Oil advised of routine pipeline maintenance ground flaring may be observed near Vidal between Clifford and Kenny from July 11 to July 13		ANS
July 12	8:20 am	11:03 am	Enbridge Pipelines	CVECO Information	Enbridge pipelines at 1010 Plank road conducting routine maintenance today until approximately 1200 hours. Public may notice petroleum odours.		

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July 12	9:14 am		Unknown	MECP (SAC) Information Email>>>	<p>MOECC Reference Number: 7847-B2LFQP Date/Time Incident Occurred: 2018/07/12 at 07:30 Date/Time Incident Reported to MOECC: 2018/07/12 at 07:40 Company name (if known): unknown Location of Incident:747 Copland Road, Sarnia Company description of incident and actual/expected duration: n/a Company description of actual/expected adverse effect: n/a Actions being taken by the facility to respond: n/a Agencies/Parties responding: Sarnia ERP</p>		FB
July 12	12:03 pm	11:37 pm	CN Rail	CVECO Code 8	CN Rail at 431 Russell street South issuing a code 8 for 3-4 rail cars derailed. Nothing leaking at this time, cars contained propane and ammonia.		
July 12	12:49 pm		CN Rail	MECP (SAC) Information Email>>>	<p>MOECC Reference Number: 0645-B2LM22 Date/Time Incident Occurred: 2018/07/12 at 11:29 Date/Time Incident Reported to MOECC: 2018/07/12 at 12:07 Company name (if known): CN Rail Location of Incident: 431 Russel St South, Sarnia Company description of incident and actual/expected duration: 5 or 6 cars on side, nothing leaking Company description of actual/expected adverse effect: no leak, no expected adverse effect Actions being taken by the facility to respond: spill team on site assessing situation, Code 8 Agencies/Parties responding: Fire department, Sarnia Police, Sarnia MECP is aware</p>		FB
July 12	6:34 pm		Imperial	MECP (SAC) Information Email>>>	<p>MECP Reference Number: 1177-B2LTPD Date/Time Incident Occurred: 14:20 hrs on July 12, 2018 Date/Time Incident Reported to MECP: 17:52 hrs July 12/18 Company name (if known): Imperial Oil Limited Location of Incident: Imperial Oil Sarnia Refinery Company description of incident and actual/expected duration: Approximate 30-minute release of hydrogen with some light end material being vented to the atmosphere. Company description of actual/expected adverse effect: Company reports no adverse effects as there were no compounds detected at their community air monitoring stations, no complaints were received from the public during this venting, and no Chemical Valley Emergency Coordination Organization (CVECO) notification codes were sent out by Imperial Oil. Actions being taken by the facility to respond: Imperial Oil continues to investigate the cause but believe it to be caused by faulty power unit. Agencies/Parties responding: N/A</p>		
July 17	8:58 am	11:25 am July 18	NOVA Corunna	CVECO Information	INFORMATION ONLY- NOVA CHEMICALS CORUNNA AT 785 PETROLIA LINE HAS FLARING OFF A PIGTRAP FOR PIPELINE CLEANING USING A PORTABLE GROUND FLAIR.		ANS
July 17	10:46 am	10:55 am	Clean Harbors	CVECO Code 8	CODE 8- CLEAN HARBOURS AT 4090 TELFER ROAD ISSUING A CODE 8 FOR SMOKE COMING FROM THEIR THERMAL DESORBER UNIT.		ANS
July 18	9:53 am		Plains Midstream	CVECO Information	Information only for Plains Midstream for plant maintenance, possible odor may develop.		
July 19	10:27 am	11:59 am	Imperial	CVECO Information	Imperial Oil advised of information for a planned demolition at Christina and Confederation		
July 19	4:15 pm		CN Rail	MECP Update Information Email>>>	<p>Update Information E-mail for Aamjiwnaang First Nation – CN Rail Cars Derailed – No spill MOECC Reference Number: 0645-B2LM22 Date/Time Incident Occurred: July 12, 2018 at 11:29 am Date/Time Incident Reported to MOECC: July 12/18 12:07pm</p>		FB

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					<p>Company name (if known): CN Rail Location of Incident: CN Railyard - 431 Russel St South, Sarnia What has occurred? This update is for a reported rail car derailment on July 12, 2018. The City of Sarnia Police contacted the ministry's Spills Action Centre to report several rail cars had derailed from the track. Sarnia Police reported that two railcars contained anhydrous ammonia and one car contained propane. There were no spills to the air or the ground from the derailment and the railcars were righted by the following morning. A CVECO notification to report an all clear was issued at approximately 11:33 pm on July 12, 2018. What action was taken? Sarnia Police issued a CVECO notification for the incident at approximately 11:58 pm. Ministry staff inspected the site at approximately 1:20 pm on July 12, 2018. Ministry staff confirmed there were no spills from the cars. Ministry staff inspected the site again on July 13, 2018 and observed the cars had been put back on the track and the track was repaired. Agencies/Parties responding: Fire department and Sarnia Police Updates expected? No further updates.</p>		
July 20	12:16 am		Shell Canada	MECP (SAC) Information Email>>>	<p>MECP Reference Number: 8585-B2U6ED Date/Time Incident Occurred: 2018/07/19, 23:00 Date/Time Incident Reported to MECP: 2018/07/19, 23:44 Company name (if known): Shell Location of Incident: 130 St. Clair Parkway Company description of incident and actual/expected duration: Diesel fumes from trucks on site until morning. Company description of actual/expected adverse effect: Diesel odours. Actions being taken by the facility to respond: Contractor to be retained for repair. Agencies/Parties responding: N/A</p>		
July 20	1:44 pm	1:44 pm	Shell Canada	CVECO Information	<p>INFORMATION ONLY- SHELL CANADA AT 150 ST CLAIR PARKWAY ISSUED AN INFORMATION AND AN ALL CLEAR FOR A UNIT TRIP. EXCESSIVE FLARING IS POSSIBLE. ALL CLEAR AT 1330.</p>		
July 20	1:53 pm		Shell Canada	MECP (SAC) Information Email>>>	<p>MECP Reference Number: 0015-B2UNAF Date/Time Incident Occurred: 13:10 Date/Time Incident Reported to MECP: 13:17 Company name (if known): Shell Canada Location of Incident: 150 St Clair Pky, Corunna Company description of incident and actual/expected duration: acid gas flaring, 20 minutes Company description of actual/expected adverse effect: 20 minutes acid gas flaring Actions being taken by the facility to respond: fence line air monitoring Agencies/Parties responding: na</p>		FB
July 20	9:30 pm	7:21 am July 20	CF Industries	CVECO Information	<p>CF INDUSTRIES AT 161 BICKFORD LINE IN COURTRIGHT IS ISSUING AN INFORMATION ONLY AS THEY ARE SHUTTING DOWN THEIR NITRIC ACID UNIT AND THERE MAY BE A VISIBLE SMOKEY STACK. AT THIS TIME WIND IS OUT OF THE SOUTHEAST AT 4 KMS AN HOUR.</p>		
July 20	9:37 pm	2:30 pm July 20	CF Industries	CVECO Information	<p>CF INDUSTRIES LOCATED AT 161 BICKFORD LINE IN COURTRIGHT IS ISSUING AN INFORMATION ONLY AS THEY ARE SHUTTING DOWN THE UREA UNIT, AND IT MAY EXPERIENCE A SLIGHT ODOUR. AT THIS TIME, WIND IS OUT OF THE SOUTHEAST AT 4 KMS AN HOUR.</p>		

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July 20	10:47 pm		Shell Canada	MECP (SAC) Information Email>>>	<p>MECP Reference Number: 7432-B2V4LL Date/Time Incident Occurred: July 20, 2018 at 21:00 Date/Time Incident Reported to MECP: July 20, 2018 at 22:11 Company name (if known): Shell Location of Incident: 130 St Clair Parkway, Corunna Company description of incident and actual/expected duration: gasoline fumes to atmosphere Company description of actual/expected adverse effect: gasoline odours Actions being taken by the facility to respond: repairs made to equipment; normal operations restored on July 20, 2018 at 21:30 Agencies/Parties responding: None</p>		
July 22	2:39 pm	4:17 pm July 23	Suncor	CVECO Information	Suncor issued an information for a contained sheen on the river.		
July 22	3:09 pm	1:50 pm July 28	Unknown	CVECO Information	Light oil sheen in a county ditch by Kenny St		
July 25	12:59 am		Unknown	MECP (SAC) Information Email>>>	<p>MECP Reference Number: 7754-B2Z7JJ Date/Time Incident Occurred: July 25 2018 - 00:25 Date/Time Incident Reported to MECP: July 25 2018 - 00:42 Location of Incident: Churchill and McGregor Side Road, Sarnia Description of incident and actual/expected duration: Propane odour complaint</p>		
July 25	7:58 am	5:32 pm	Enbridge Pipelines	CVECO Information	Enbridge pipelines will be conducting routine maintenance at its 259 Lasalle line facility members of the public may notice petroleum odours work is to be concluded at 2100 today		ANS
July 25	5:28 pm	9:18 am July 27	Suncor	CVECO Information	Suncor detection of leak on firewater system on eastern fence line it is isolated at this time		
July 26	5:27 am		Unknown	MECP (SAC) Information Email>>>	<p>MECP Reference Number: 5805-B32CKF Date/Time Incident Occurred: 03:00, July 26, 2018 Date/Time Incident Reported to MECP: 04:59, July 26, 2018 Company name (if known): unknown Location of Incident: The vicinity of Turner Drive, Sarnia Company description of incident and actual/expected duration: Odour complaint received from member of the public. Company description of actual/expected adverse effect: N/A Actions being taken by the facility to respond: N/A Agencies/Parties responding: MECP priority field response initiated.</p>		
July 26	9:53 am		Unknown	MECP Initial Information Email>>>	<p>Initial Information E-mail for Aamjiwnaang First Nation Sheen on St. Clair River – Unknown Source MOECC Reference Number: 6530-B2WMQS Date/Time Incident Occurred: July 22, 2018 at 11:45 am Date/Time Incident Reported to MOECC: July 22, 2018 at 12:49 pm Company name (if known): Unknown Location of Incident: St. Clair River near Suncor refinery What has occurred? Staff from Suncor refinery contacted the ministry's Spills Action Centre to report that there was a sheen on the St. Clair River by their loading dock that had originated upstream. The company reported that it was not experiencing any operational issues and there was rain at the time of the sheen. The source of the sheen could not be confirmed. What action was taken?</p>		FB

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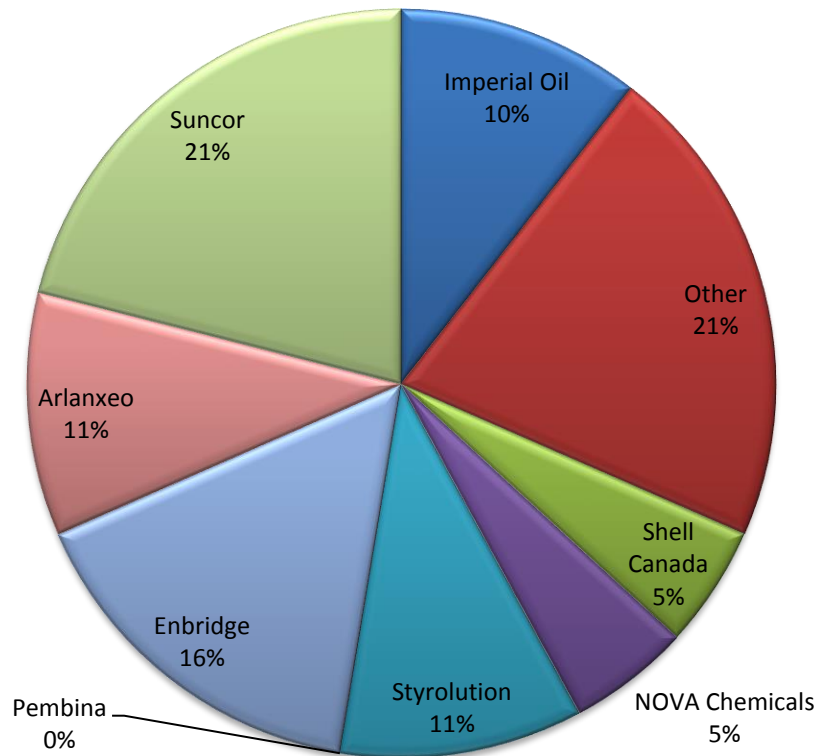
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					<p>The ministry's Environmental Response Person was dispatched to conduct an inspection of the area at approximately 2:45 pm. Ministry staff inspected the area of the dock and confirmed the presence of a sheen in the St. Clair River. The company had placed booms in the water and used vacuum trucks to remove the sheen. Ministry staff also conducted upstream inspections but was unable to identify the source of the sheen. As a precaution, the ministry notified downstream water users including water treatment plants at Sarnia, Wallaceburg and Walpole Island First Nation, Sarnia Police, St. Clair Township, the Chatham-Kent and Lambton Health Units, Michigan State Police, the Michigan Department of Environmental Quality, and Aamjiwnaang First Nation. City of Sarnia dispatched their staff to check the area. City staff were not able to locate a source of the sheen.</p> <p>Other agencies/parties responding: City of Sarnia.</p> <p>Updates expected? No further updates.</p>		
July 27	7:38 am	11:48 am	Plains Midstream	CVECO Information	Plains Midstream has a small contained leak Amended (8:02 am): Plains Midstream has a small contained leak of hydrocarbon		
July 27	8:39 am	4:49 pm July 27	CF Industries	CVECO Information	CF INDUSTRIES COURTRIGHT NITROGEN COMPLEX WILL BE HAVING A START UP OF THE UREA UNIT. LOUD NOISE AND A SLIGHT AMMONIA ODOUR MAY BE EXPERIENCED		
July 27	9:11 am	10:45 am	Praxair	CVECO Information	A SIMULATION ONLY CODE 9 IS ISSUED FOR PRAXAIR. HYDROGEN GAS LEAK.		ANS
July 27	9:37 pm	5:41 am July 28	CF Industries	CVECO Information	CF industries Courtright Nitrogen Complex Nitric Plant start up. Advising there may be loud noise due to venting and a smokey stack during this time.		

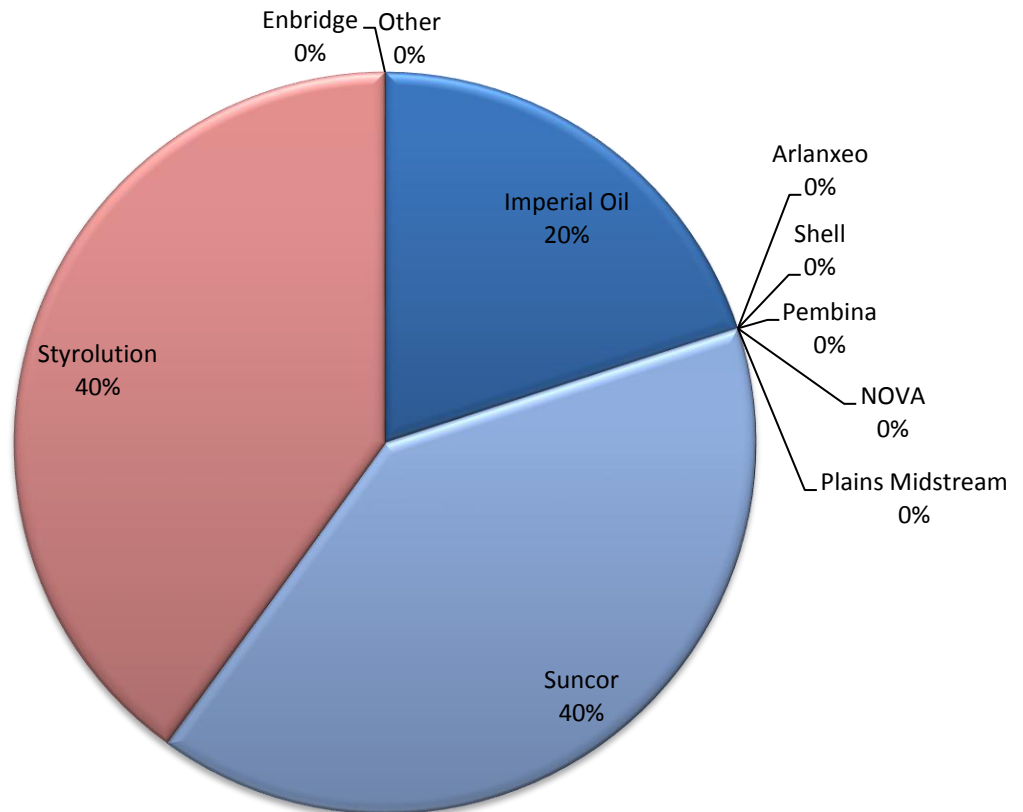
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Incident Notifications for the Month of July 2018

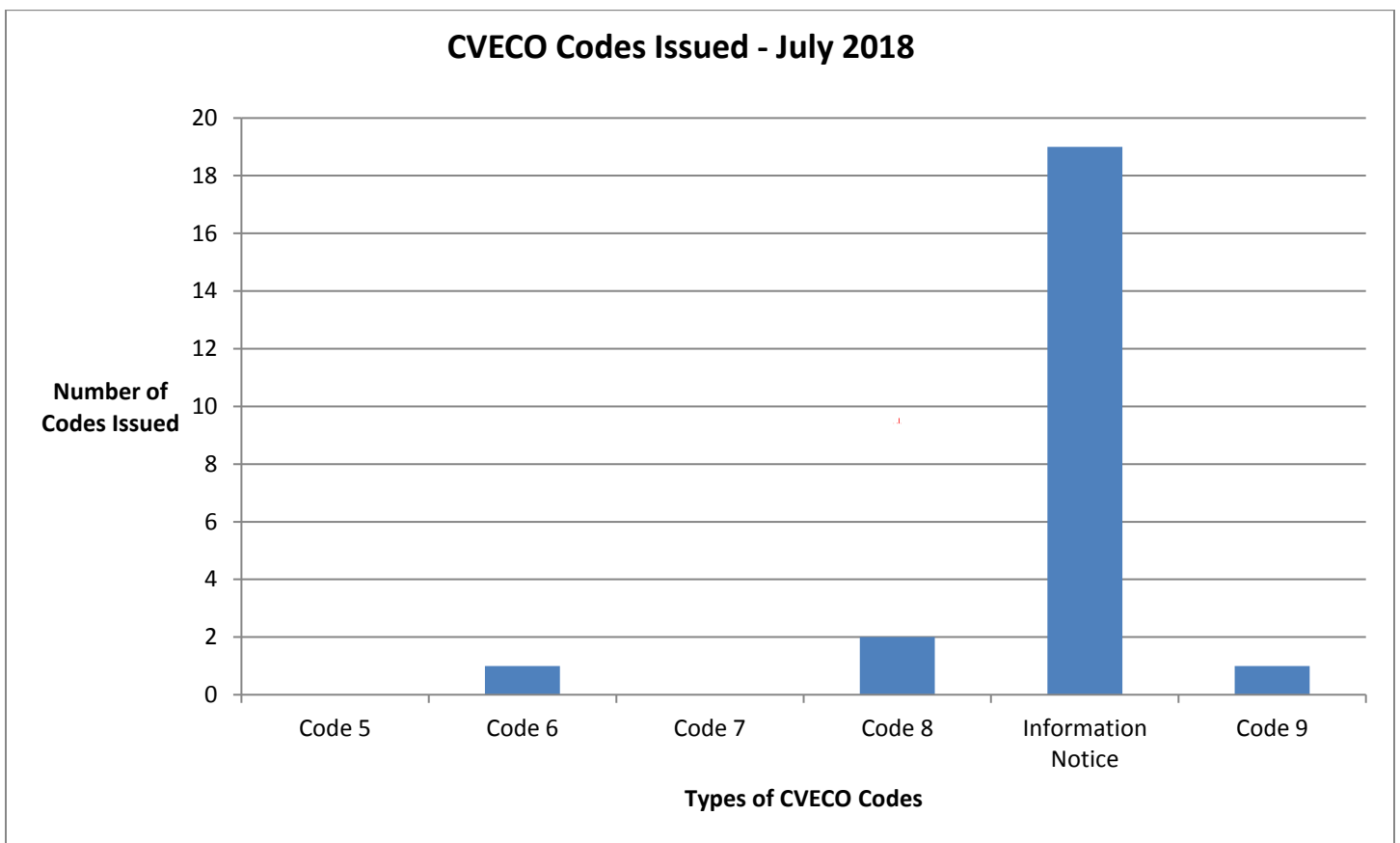


Proactive Notifications for the Month of July 2018



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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)