

## SECTION 14 INCIDENT REPORT (*Waste Management and Pollution Control Act*)

<b>Date and Time of Notification:</b>	11 July 2019 at 14:00																
<b>Person / Company:</b>	ConocoPhillips																
<b>Incident:</b>																	
<b>(a) the incident causing or threatening to cause pollution</b>	Approximately 70L of hydraulic (vegetable based) oil (Mobil EAL 224H) was gradually lost to the estuarine environment of Darwin Harbour during the period from 29 <sup>th</sup> June – 11 <sup>th</sup> July 2019. The leak was due to a crack in the stainless steel tubing associated with the loading arm hydraulic system.																
<b>(b) the place where the incident occurred</b>	ConocoPhillips Darwin LNG facility (underneath the jetty)																
<b>(c) the date and time of the incident</b>	The leak was detected on Thursday 11 <sup>th</sup> July 2019 at approximately 9:30am during the pre-shipping inspection of the loading facilities. The last pre-shipping inspection was conducted on 29 <sup>th</sup> June 2019 during which no cracks or leaks were detected.																
<b>(d) how the pollution has occurred, is occurring or may occur</b>	Cause of the wear to the tubing is still to be determined.																
<b>(e) the attempts made to prevent, reduce, control, rectify or clean up the pollution or resultant environmental harm caused or threatening to be caused by the incident</b>	<p>The leak was isolated stopping the spill at the time of the pre-shipping inspection (~9:30am this morning).</p> <p>Given the small volume and duration there was no obvious spill on the waters surface to clean up.</p> <p>The SDS of the hydraulic (vegetable based) oil has been reviewed and the product is:</p> <ul style="list-style-type: none"> <li>• Not classified as hazardous according to Safe Work Australia criteria.</li> <li>• Not considered Dangerous Good by the criteria of the ADG Code, IMDG or IATA.</li> <li>• Not expected to be harmful to aquatic organisms.</li> <li>• Majority of components are expected to be readily biodegradable.</li> </ul> <table border="1"> <thead> <tr> <th>Ingredient</th> <th>CAS number</th> <th>EC number</th> <th>Content</th> </tr> </thead> <tbody> <tr> <td>2,6-DI-TERT-BUTYL-PHENOL</td> <td>128-39-2</td> <td>204-884-0</td> <td>1 - &lt;2.5%</td> </tr> <tr> <td>VEGETABLE OIL(S)</td> <td>Not Available</td> <td>Not Available</td> <td>&gt;60%</td> </tr> <tr> <td>NON HAZARDOUS INGREDIENTS</td> <td>Not Available</td> <td>Not Available</td> <td>remainder</td> </tr> </tbody> </table>	Ingredient	CAS number	EC number	Content	2,6-DI-TERT-BUTYL-PHENOL	128-39-2	204-884-0	1 - <2.5%	VEGETABLE OIL(S)	Not Available	Not Available	>60%	NON HAZARDOUS INGREDIENTS	Not Available	Not Available	remainder
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	<b>Ecotoxicity</b>			
	<b>Test</b>	<b>Duration</b>	<b>Organism Type</b>	<b>Test Results</b>
	Aquatic - Acute Toxicity	96 hour(s)	Americamysis bahia	LC50 >5000 mg/l
	Aquatic - Acute Toxicity	96 hour(s)	Oncorhynchus mykiss	LC50 >5000 mg/l
	Aquatic - Chronic Toxicity	7 day(s)	Ceriodaphnia dubia	NOELR >5000 mg/l
	Aquatic - Chronic Toxicity	7 day(s)	Pimephales promelas	NOELR >5000 mg/l
	<p>The risk and impact to the environment is therefore considered low for the following reasons:</p> <ul style="list-style-type: none"> <li>• The slow release of the hydraulic (vegetable based) oil is expected to have dispersed and biodegraded quickly without impact to the aquatic environment.</li> <li>• The low ecological toxicity of the product is not expected to have caused harm to aquatic fauna.</li> </ul> <p>A visual inspection of the loading arm hydraulic system has been completed with no other leaks identified and a leak check of the system is being undertaken.</p> <p>Repairs are being scheduled and pre-shipping and general inspections will be ongoing in accordance with the standard operating procedures and maintenance schedules in place.</p>			
<b>(f) the identity of the person notifying the NT EPA</b>	<p>Jo-Anne Blunn Environmental Specialist for ConocoPhillips</p>			