

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

Date and Time of Notification:	Thursday 19 th May 2022, 16:14hrs
Person / Company:	Power and Water Corporation (PWC)
Incident:	Oil spill from pole mount transformer, caused by a vehicle accident (not PWC related), corner of Toupein Road and Temple Terrace, Palmerston.

(a) the incident causing or threatening to cause pollution	<p><i>i. Description of the waste that was discharged.</i></p> <p>Transformer oil. Not identified as an asset containing PCB.</p> <p><i>ii. Volume of the waste that was discharged.</i></p> <p>The volume of transformer oil spilt is estimated to be 250 litres, with an unknown portion having entered the stormwater drainage network, and the remaining portion having entered the surrounding soils.</p>
(b) the place where the incident occurred	<p>Corner of Toupein Rd and Temple Terrace, Palmerston.</p> <p><i>i. Description of the PWC asset from which the discharge occurred.</i></p> <p>Pole-top transformer, asset MX5163247, Serial Number 200M42Y-35 (containing transformer oil)</p> <p><i>ii. GPS coordinates of the discharge point from the PWC asset, and the final coordinates of the final discharge point.</i></p> <ol style="list-style-type: none"> 1. Discharge Point: 130.9924704E, -12.4762419S 2. Final Discharge Point: 130.9924944E, -12.4762967S <p><i>iii. Indicate any locations nearby to the discharge point where public can gain ready-access, such as public open spaces through which the discharge moves.</i></p> <p>Access by the public is usually possible to the spill site; however, the spill site has had temporary fencing installed around it, restricting access.</p>
(c) the date and time of the incident	<p><i>i. The time and date of commencement and cessation of the discharge.</i></p> <p>The commencement time of the spill was approximately 10:00hrs on the 19th May 2022, with the cessation shortly after.</p>

	<p><i>ii. How PWC were notified, or became aware of the discharge.</i></p> <p>The overhead day fault crew arrived onsite after being requested to attend by system control; on arrival they noticed the oil spill and advised their supervisor, who relayed the information to PWC Environmental Services.</p> <p><i>iii. The process by which the discharge occurred.</i></p> <p>A truck collided with a Power and Water Corporation power pole stay-wire, with the impact resulting in a pole mount transformer being dislodged from the pole and falling to the ground below. Upon impact with the ground, fittings on the transformer were damaged resulting in the oil contents escaping to the surrounding soils and stormwater network.</p> <p><i>iv. The reason why the discharge occurred.</i></p> <p>As above, this incident is a result of a vehicle accident unrelated to Power and Water.</p>
(d) how the pollution has occurred, is occurring or may occur	As per (c) iii & (c) iv.
(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	<p><i>i. Attempts made to prevent, reduce or control the discharge</i></p> <p>Upon arrival of the PWC overhead day fault crew, the crew attempted to contain the spill as best as possible with their vehicle spill kits, with booms and sheets being placed in and around the nearby stormwater drain. The asset was repositioned to prevent any further loss of oil.</p> <p>The damaged asset was then placed within a containment bag before being transferred to our operations yard bunded storage area. From which it will go through the Board of Survey (BOS) process, for either repair or most likely scrapping/recycling.</p> <p>The contaminated soil has been excavated from the site and will be disposed of via a licenced contractor. EcOz environmental consultants have been engaged to undertake soil sampling at the base of the excavation to confirm that contaminated materials have been removed before re-instating the site. A closure report containing results will be provided upon completion.</p> <p>The stormwater drain will be cleaned by Palmerston City Council or their preferred contractor, as Power and Water does not have the authority to lift council owned stormwater drains.</p>
(f) the identity of the person notifying the NT EPA	PWC Environmental Team on behalf of Power Services

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Appendix A – Location map for pole-top transformer oil spill



Appendix B – Photographs of the spill area





