

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

<b>Date and Time of Notification:</b>	Saturday 5 <sup>th</sup> November 2022, 19:34hrs
<b>Person / Company:</b>	Power and Water Corporation ( <b>PWC</b> )
<b>Incident:</b>	Discharge of sewage from sewage network

<p><b>(a) the incident causing or threatening to cause pollution</b></p>	<p><i>i. Description of the waste that was discharged.</i></p> <p>Raw sewage.</p> <p><i>ii. Indicative wastewater quality for the discharge.</i></p> <p>As it is believed that the discharge has been occurring for an extended period of time, it is not possible to provide representative wastewater quality data for this discharge, based on previous wastewater quality monitoring.</p> <p><i>iii. Volume of the waste that was discharged.</i></p> <p>The volume of wastewater discharged is unknown. No telemetric monitoring occurs at the site of discharge.</p>
<p><b>(b) the place where the incident occurred</b></p>	<p><i>i. Description of the PWC asset from which the discharge occurred.</i></p> <p>A 150mm, cast iron, concrete lined sewage rising main.</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> <p>Discharge Point: 130.8398729E, 12.4410034S (approximate location in break of sewer main) Final Discharge Point: Immediately surrounding break.</p> <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 not possible. Since the reporting of the discharge, the priority has been to repair the damaged pipeline. The scene has then been made safe for pedestrians by having the site fenced and warning signage prominently displayed.</p>

<p><b>(c) the date and time of the incident</b></p>	<p><i>i. The time and date of commencement and cessation of the discharge.</i></p> <p>The exact timing of the overflow is unknown. The PWC sewer reticulation team was advised of the discharge on Friday 4<sup>th</sup> November 2022 and by later that day, a temporary repair was in place. A permanent repair was completed the following day Saturday 5<sup>th</sup> November 2022.</p> <p><i>ii. How PWC were notified, or became aware of the discharge.</i></p> <p>A member of the public advised PWC, who then dispatched a sewer reticulation field crew to initiate repairs and make the area safe. The permanent repair was then conducted by the PWC sewer headworks team.</p> <p><i>iii. The process by which the discharge occurred.</i></p> <p>It is believed that when the City of Darwin installed a light pole in that location, the concrete footing damaged the sewer main. With this concrete footing now putting pressure on top of the damaged pipe, the leak would have most likely only been a very slow weep, which took a long time to come to the surface.</p> <p>During the excavations to get to the damaged section, it did not appear that the leak had travelled to the surface anywhere else other than the section adjoining the road, where it was first noticed.</p> <p><i>iv. The reason why the discharge occurred.</i></p> <p>As per (c) iii,</p>
<p><b>(d) how the pollution has occurred, is occurring or may occur</b></p>	<p>As per (c) iii &amp; (c) iv.</p>
<p><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>	<p><i>i. Confirmation signage and fencing has been erected, as appropriate.</i></p> <p>Pedestrian barrier fencing and warning signage was erected around the sewer main repair site, and will only come down once the excavation is completely backfilled.</p> <p><i>ii. Decontamination of the site as appropriate.</i></p> <p>No gross pollutants were observed, and all hard surfaces had any pooling sewage vacuumed up, this was followed by disinfection and pressure washing. The excavation back fill will be finished off with clean soil.</p>
<p><b>(f) the identity of the person notifying the NT EPA</b></p>	<p>PWC Environmental Team on behalf of Water Services</p>



Appendix B – Location Photographs



Figure 1 Looking North West along Salonika Street.



Figure 2 Looking South East down Salonika Street.



*Figure 3 Fencing and signage of excavation on St Paul's Catholic College oval, other side of permanent fencing.*