

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

Date and Time of Notification:	Sunday 4 May 2025 at 2:30pm
Person / Company:	Power and Water Corporation
Incident:	Sewage leak from Sewer Rising Main (SRM) Galiwinku – Close Out PRL13048

<p>(a) the incident causing or threatening to cause pollution</p>	<p><i>i. Description of the waste that was discharged.</i></p> <p>Diluted sewage.</p> <p><i>ii. Indicative wastewater quality for the discharge.</i></p> <p>There is no representative wastewater quality data available for the wastewater treatment plant inlet. The wastewater was considered diluted due to rainfall occurring in the area at the time of the leak. Rainfall data from the weather station on Elcho Island indicates the following rainfall:</p> <table border="1" data-bbox="598 1176 1465 1339"> <thead> <tr> <th>Date</th> <th>Rainfall (mm)</th> </tr> </thead> <tbody> <tr> <td>03/05/2025</td> <td>17.2</td> </tr> <tr> <td>04/05/2025</td> <td>1.8</td> </tr> <tr> <td>05/05/2025</td> <td>3.0</td> </tr> <tr> <td>06/05/2025</td> <td>27.8</td> </tr> </tbody> </table> <p><i>iii. Volume of the waste that was discharged.</i></p> <p>An estimated 10KL of diluted sewage was discharged that covered an area of approximately 10m².</p>	Date	Rainfall (mm)	03/05/2025	17.2	04/05/2025	1.8	05/05/2025	3.0	06/05/2025	27.8
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<p>(b) the place where the incident occurred</p>	<p><i>i. Description of the PWC asset from which the discharge occurred.</i></p> <p>A leak has been detected in the SRM that runs between Sewer Pump Station 2 and the wastewater ponds servicing the community of Galiwinku (Appendix A and B). This SRM runs parallel to the access road for the ponds. The leak has been observed discharging into the adjacent bushland.</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: 12 1.9976767 S, 135 35.0084293 E (SRM Leak) 2. Final discharge point: 12 2.0224382 S, 135 34.9694683 E (Bushland adjacent to SRM) 										

	<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 to the public is possible but this is considered unlikely as the ponds are located approximately 1km away from the community and the final discharge point is bushland (Appendix C).</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 exact commencement time of the leak is unknown, but it is estimated that the leak occurred over a period of four days. As the leak has occurred underground it is assumed that the leak had been occurring for a number of days before the leak was detected on the surface</p> <p>The leak was first reported at approximately 12:00pm Sunday 4 May 2025.. The leak was repaired by 6/05/2025.</p> <p><i>ii. How PWC were notified, or became aware of the discharge.</i></p> <p>The leak was initially reported to the Power and Water Technical Co-ordinator responsible for this community.</p> <p><i>iii. The process by which the discharge occurred.</i></p> <p>The leak has occurred from an underground SRM. The cause of the break is unknown. Pressure testing will be undertaken on this SRM to check for further leaks.</p> <p><i>iv. The reason why the discharge occurred.</i></p> <p>As per (c) iii. PWC will investigate the fault and ensure that it is rectified as soon as practical.</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. Confirmation signage and fencing has been erected, as appropriate.</i></p> <p>Temporary fencing will be installed to protect the public until repairs can occur.</p> <p><i>ii. Decontamination of the site as appropriate.</i></p> <p>Clean up consistent with Sewage Spills/Overflow Response Work Instruction as appropriate to the location, and to minimise risk to the environment.</p>
(f) the identity of the person notifying the NT EPA	Power and Water's Environmental Team on behalf of Water Services

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Appendix A – Location Map 1.



Appendix B – Location Map 2.



Appendix C – Picture of Overflow

