

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

<b>Date and Time of Notification:</b>	Monday 13 <sup>th</sup> January 2025, 16:00hrs
<b>Person / Company:</b>	Power and Water Corporation
<b>Incident:</b>	Discharge of sewage effluent from sewage infrastructure

<b>(a) the incident causing or threatening to cause pollution</b>	<p><i>i. Description of the waste that was discharged.</i></p> <p>Raw sewage effluent, no gross pollutants</p> <p><i>ii. Indicative wastewater quality for the discharge.</i></p> <p>The most recent and representative wastewater quality results are from the Alice Springs ponds are available in the table below.</p> <table border="1" data-bbox="587 1122 1406 1279"> <thead> <tr> <th rowspan="3">Sample Date</th> <th colspan="2">Bacteriological</th> <th colspan="6">Physical and General Chemical</th> </tr> <tr> <th colspan="2">E. coli</th> <th colspan="2">Suspended Solids</th> <th colspan="2">Nitrate +Nitrite</th> <th rowspan="2">pH (lab)</th> <th rowspan="2">Phosphorus Total (mg/L)</th> <th rowspan="2">Potassium (K) (mg/L)</th> </tr> <tr> <th>E. coli (MPN/100 mL)</th> <th>Total Suspended Solids (mg/L)</th> <th>Volatile Suspended Solids (mg/L)</th> <th>(NOx-N) (mg/L)</th> <th>Nitrite as N (NO2-N) (mg/L)</th> <th>(pH units)</th> </tr> </thead> <tbody> <tr> <td>1/10/24</td> <td>24.0</td> <td>71.0</td> <td>66.0</td> <td>0.1</td> <td>0.1</td> <td>8.01</td> <td>4.9</td> <td>28.7</td> </tr> </tbody> </table> <p><i>iii. Volume of the waste that was discharged.</i></p> <p>The volume of wastewater discharged is unknown, no telemetric monitoring occurs in this location.</p>	Sample Date	Bacteriological		Physical and General Chemical						E. coli		Suspended Solids		Nitrate +Nitrite		pH (lab)	Phosphorus Total (mg/L)	Potassium (K) (mg/L)	E. coli (MPN/100 mL)	Total Suspended Solids (mg/L)	Volatile Suspended Solids (mg/L)	(NOx-N) (mg/L)	Nitrite as N (NO2-N) (mg/L)	(pH units)	1/10/24	24.0	71.0	66.0	0.1	0.1	8.01	4.9	28.7
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<b>(b) the place where the incident occurred</b>	<p><i>i. Description of the Power &amp; Water asset from which the discharge occurred.</i></p> <p>Manhole covers 1M22L/2 and 1M22L/3</p> <p><i>ii. GPS coordinates of the discharge point from the Power &amp; Water asset, and the final coordinates of the final discharge point.</i></p> <p>Discharge Point 1: 133.8832296E, 23.6910031S            Discharge Point 2: 133.8825186E, 23.6910554S            Final Discharge Point: 133.8825032E, 23.6916556S (approximate final discharge point)</p> <p>Discharge occurred from two manhole covers, after there was a blockage of the sewer main. The blockage was cleared by accessing manhole 1M22L/2.</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 to the spill was possible. However, the blockage was cleared and any effluent that overflowed from the manhole covers was promptly and thoroughly cleaned up.</p>
<b>(c) the date and time of the incident</b>	<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 spill was first observed by Power &amp; Water staff at approximately 15:00hrs 11/01/2025 and the overflow ceased at approximately 17:30hrs 11/01/2025. It was not until the morning of 13/01/2025 that Power and Water's Environmental Services was notified of the event.</p> <p><i>ii. How Power &amp; Water were notified, or became aware of the discharge.</i></p> <p>A member of the public contacted Power &amp; Water's system control who passed on the message to the Field Coordinator.</p> <p><i>iii. The process by which the discharge occurred.</i></p> <p>The cause of the overflow was a blocked sewer main caused by people disposing of inappropriate items, other than the three Ps) into the sewage network.</p> <p><i>iv. The reason why the discharge occurred.</i></p> <p>As per (c) iii,</p>
<b>(d) how the pollution has occurred, is occurring or may occur</b>	<p>As per (c) iii &amp; (c) iv.</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><i>i. Confirmation signage and fencing has been erected, as appropriate.</i></p> <p>Signage and barricading was not erected in this instance, as the fault was rectified, and the spill cleaned up in a timely manner. Additionally, Power &amp; Water staff as well as contractors working for Power &amp; Water were there to warn people.</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, the area was pressure cleaned and all effluent was vacuumed up.</p>
<b>(f) the identity of the person notifying the NT EPA</b>	<p>Power and Water's Environmental Team on behalf of Water Services</p>

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Appendix A – Location Map with co-ordinates of discharge point and approximate final discharge location.



Appendix B – Location Photographs





