

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

Date and Time of Notification:	Initial Notification: Friday 19 September 2025 @ 12:30pm Update: Tuesday 7 October 2025
Person / Company:	Power and Water Corporation
Incident:	Discharge of raw sewage effluent from sewerage network at Lakeside Drive Sewage Pump Station

(a) the incident causing or threatening to cause pollution	<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>Inflow data to Ludmilla WWTP (Waste Water Treatment plant) at the time of the spill was at approximately 160L/s, which equates to 13ML/day. Based on table 1 below, this translates to the effluent being classed as partially diluted.</p> <p>Table 1: Inflows to Ludmilla WWTP</p> <table border="1"> <thead> <tr> <th></th> <th>Median Inflow (ML)</th> <th>Median E. coli</th> <th>Median Enterococci</th> <th>Dilution Terminology</th> </tr> </thead> <tbody> <tr> <td>below ADWF</td> <td>11.401</td> <td>14,136,000</td> <td>713,550</td> <td>Undiluted</td> </tr> <tr> <td>>ADWF</td> <td>13.253</td> <td>11,616,000</td> <td>727,000</td> <td>Partially Diluted</td> </tr> <tr> <td>>2xADWF</td> <td>29.629</td> <td>8,164,000</td> <td>323,000</td> <td>Diluted</td> </tr> <tr> <td>>3xADWF</td> <td>44.043</td> <td>6,488,000</td> <td>261,300</td> <td rowspan="3">Highly diluted</td> </tr> <tr> <td>>4xADWF</td> <td>51.048</td> <td>5,634,500</td> <td>238,100</td> </tr> <tr> <td>>5xADWF</td> <td>99.841</td> <td>2,359,000</td> <td>218,700</td> </tr> </tbody> </table> <p>NOTE: Based on 01/01/2018 to 31/12/2020 inflows to Ludmilla WWTP and monitoring events data. Average dry weather inflow being 11.9012 ML/day.</p>		Median Inflow (ML)	Median E. coli	Median Enterococci	Dilution Terminology	below ADWF	11.401	14,136,000	713,550	Undiluted	>ADWF	13.253	11,616,000	727,000	Partially Diluted	>2xADWF	29.629	8,164,000	323,000	Diluted	>3xADWF	44.043	6,488,000	261,300	Highly diluted	>4xADWF	51.048	5,634,500	238,100	>5xADWF	99.841	2,359,000	218,700
		Median Inflow (ML)	Median E. coli	Median Enterococci	Dilution Terminology																													
below ADWF	11.401	14,136,000	713,550	Undiluted																														
>ADWF	13.253	11,616,000	727,000	Partially Diluted																														
>2xADWF	29.629	8,164,000	323,000	Diluted																														
>3xADWF	44.043	6,488,000	261,300	Highly diluted																														
>4xADWF	51.048	5,634,500	238,100																															
>5xADWF	99.841	2,359,000	218,700																															
	<p><i>iii. Volume of the waste that was discharged.</i></p> <p>An estimate of no greater than 10,000L of sewage was discharged. An exact quantity of waste discharged is not possible to determine as the discharge occurred from a burst pipe and therefore was not metered. The estimation was undertaken by site staff experienced in wastewater management.</p>																																	
(b) the place where the incident occurred	<p><i>i. Description of the Power & Water asset from which the discharge occurred.</i></p> <ul style="list-style-type: none"> - At 12:44pm on 18/09/2025 two operators conducting maintenance discovered that the 450mm sewer rising main had 																																	

	<p>ruptured and sewage had spilt into the compound and into the adjacent grassed area.</p> <p><i>ii. GPS coordinates of the discharge point from the Power & Water asset, and the final coordinates of the final discharge point. (Ludmilla)</i></p> <ul style="list-style-type: none"> - Lakeside Dr SPS (SP008): Discharge Point: 130.8684868, -12.3812859 Final Discharge Point: 130.8678589, -12.3811767 <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> <ul style="list-style-type: none"> - Public access to the spill location is possible as it occurred on public land. As a result the area was flagged off and signage indicated a sewer spill was erected.
(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 spill was identified at 12:44pm on 18/09/2025.</p> <p><i>ii. How Power & Water were notified, or became aware of the discharge.</i></p> <p>Operators on site noticed the sewage had reached the surface.</p> <p><i>iii. The process by which the discharge occurred.</i></p> <p>The sewer rising main has ruptured.</p> <p><i>iv. The reason why the discharge occurred.</i></p> <p>As per (c) iii.</p>
(d) how the pollution has occurred, is occurring or may occur	<p>As per (c) iii & (c) iv.</p>
(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>Signage and flagging was erected (see attached photos).</p> <p><i>ii. Decontamination of the site as appropriate.</i></p> <p>Clean up will be consistent with Sewage Spills/Overflow Response Work Instruction as appropriate to the location, and to minimise risk to the Environment. Lime as placed over the area and the contaminated soil will be excavated and disposed of at one of Power and Waters sewage facilities.</p> <p>The Lakeside Drive Sewer Pump Station (SPS) is currently isolated from the system and the Lakeside catchment is diverted to Rapid Creek SPS. It is currently planned to replace this section of pipe as a matter of urgency to ensure further breaks in the pipe are prevented. Clean-up of impacted soils will be finalised once the replacement pipe has been installed. Works</p>

	<p>to replace this section of pipe are planned to commence in November and works be finalised by January.</p> <p>Power and Water Environmental Services team has undertaken three site inspections to the impacted area. Impacts to the environment are considered negligible. No noticeable odours remain, no negative impacts to flora or fauna have been identified and no further pollution observed at this time.</p>
<p>(f) the identity of the person notifying the NT EPA</p>	<p>Power and Water Environmental Team on behalf of Water Services.</p>

Appendix A – Location Map for Lakeside Drive SPS



Appendix B – Site Photos



Photo 1 Ruptured Pipe (Photo taken 19/09/2025)

Photo 2 Signage and Flagging (Photo taken 19/09/2025)



Photo 3 Extent of Spill with Lime (photo taken 06/10/2025)