

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

Date and Time of Notification:	Initial: Friday 06 March 2026, 12:45
Person / Company:	Power and Water Corporation (Power and Water)
Incident:	Discharge of highly diluted sewage effluent from sewerage network due to wet weather.

(a) the incident causing or threatening to cause pollution	i. Description of the waste that was discharged. Highly diluted sewage. ii. Indicative wastewater quality for the discharge. Inflow data to Ludmilla wastewater treatment plant (WWTP) peaked on 06 March at around 07:30, with an inflow of 3.2ML/hr, which equates to 76.72ML/day. Based on table 1 below, this translates to the effluent being classed as highly diluted. Table 1: Inflows to Ludmilla WWTP <table><tr><th></th><th>Median Inflow (ML)</th><th>Median E. coli</th><th>Median Enterococci</th><th>Dilution Terminology</th></tr><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></table> 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. iii. Volume of the waste that was discharged. The volume of waste discharge is unknown. No telemetric monitoring occurs at the site of discharge.		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
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(b) the place where the incident occurred	i. Description of the Power and Water asset from which the discharge occurred. Lakeside Drive SPS on Lakeside Drive, Alawa ii. GPS coordinates of the discharge point from the Power and Water asset, and the final coordinates of the final discharge point. Lakeside Drive SPS overflow is ongoing Discharge point: 130.8695043E, -12.3811973S Final discharge point: 130.8656089E, -12.3806442S																																	

	Please refer to Figure 1. <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> Public access to the SPS overflow location is possible, but unlikely as the discharge point is within areas not intended for public access.
(c) the date and time of the incident	<i>i. The time and date of commencement and cessation of the discharge.</i> The overflow was first observed at 07:30 on 06 March 2026 and is ongoing. Power and Water became aware of the overflow at around 09:30 on 06 March 2026. Please note. Future overflows of highly diluted sewage at these, and other, points may be likely pending forecasted wet weather. <i>ii. How Power and Water were notified, or became aware of the discharge.</i> SCADA wet well high-level alarms notified Power and Water operations staff of the overflows. <i>iii. The process by which the discharge occurred.</i> Recent rainfall events during the wet season saturates the ground. A recent intense rainfall event has inundated the sewer systems with stormwater, through a combination of inflow and infiltration. This led to the pump stations becoming overwhelmed, as combined inflows exceeded the pumping capacities of the pump stations. <i>iv. The reason why the discharge occurred.</i> As per (c) iii.
(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	<i>i. Confirmation signage and fencing has been erected, as appropriate.</i> No signage or fencing was erected for the SPS overflows as public access to the overflow point is very unlikely. <i>ii. Decontamination of the site as appropriate.</i> Clean up will be consistent with Sewage Spills/Overflow Response Work Instruction as appropriate to the location, and to minimise risk to the environment.
(f) the identity of the person notifying the NT EPA	Power and Water - Environmental Services on behalf of Water Services

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Figure 1 – Location map

