

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

Date and Time of Notification:	9:30am 2 January 2026
Person / Company:	Power and Water Corporation
Incident:	Discharge of highly diluted effluent from sewerage network due to wet weather events

<p>(a) the incident causing or threatening to cause pollution</p>	<p><i>i. Description of the waste that was discharged.</i></p> <p>Highly diluted sewage effluent, diluted by stormwater.</p> <p><i>ii. Indicative wastewater quality for the discharge.</i></p> <p>Indicative wastewater quality for these overflows may be interpreted from Table 1. Heavy rainfall occurred on 25 and 26 December 2025. The associated rainfall resulted in a peak sewage inflow to Ludmilla wastewater treatment plant of 3.9ML/hr on 26/12/2025. Based on these inflow figures and the inflow figures in Table 1, the sewage is deemed highly 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> <p><i>iii. Volume of the waste that was discharged.</i></p> <p>The volume of wastewater discharged at each discharge location is unknown. No telemetric monitoring occurs at these locations.</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
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<p>(b) the place where the incident occurred</p>	<p><i>ii. Description of the PWC asset from which the discharge occurred.</i></p> <ul style="list-style-type: none"> • Sewage pumping station (SP042) - Namarluk Drive, Ludmilla • Sewage pumping station (SP008) – Lakeside Drive, Alawa • Sewage pumping station (SP035) – Vesty's Beach 																																	

	<p><i>ii. GPS coordinates of the discharge point from the PWC asset, and the final coordinates of the final discharge point.</i></p> <ul style="list-style-type: none"> • Sewage pumping station (SPS042) – Namarluk Drive, Ludmilla <ol style="list-style-type: none"> 1. Discharge Point: 12.4144849 °S, 130.8503154 °E 2. Final Point: 12.4144254 °S, 130.8458232 °E • Sewage pumping station (SP008) – Lakeside Dr, Alawa <ol style="list-style-type: none"> 1. Discharge point: 12.3806488 °S, 130.8656252 °E 2. Final point: 12.3805596 °S, 130.8665271 °E • Sewage pumping station (SP035) – Vesty's Beach <ol style="list-style-type: none"> 1. Discharge point: 12.4305953 °S, 130.8355978 °E 2. Final point: 12.4315167 °S, 130.8362544 °E <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>Public access is possible to discharge locations throughout Darwin. However, due to the weather conditions at the time, the likelihood of people visiting these areas was low. Clean up of areas affected by sewer discharge is consistent with Sewage Spills/Overflow Response Work Instruction as appropriate to the location, and to minimise risk to the environment.</p>
<p>(c) the date and time of the incident</p>	<p><i>i. The time and date of commencement and cessation of the discharge.</i></p> <p>Power & Water can confirm the commencement and final cessation times for the following overflows:</p> <ul style="list-style-type: none"> • Sewage pumping station (SP042) - Namarluk Drive, Ludmilla <ul style="list-style-type: none"> Started approx. 9:30am 25/12/2025 Stopped approx. 12:00pm 27/12/2025 • Sewage pumping station (SP008) – Lakeside Drive, Alawa <ul style="list-style-type: none"> Started approx. 10:30am 25/12/2025 Stopped approx. 12:00pm 27/12/2025 • Sewage pumping station (SP035) – Vesty's Beach <ul style="list-style-type: none"> Started approx. 8:15am 25/12/2025 Stopped approx. 9:30am 26/12/2025 <p><i>ii. How PWC were notified, or became aware of the discharge.</i></p> <p>Observed when carrying out checks.</p> <p><i>iii. The process by which the discharge occurred.</i></p> <p>Due to the rainfall in the Darwin catchment significant quantities of inflow and infiltration of stormwaters has diluted and increased volumes of sewage effluent in the sewerage system. As a result, highly diluted sewage effluent overflows have occurred from sewerage infrastructure.</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	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>Where appropriate, signage is displayed to alert the public and fencing has been erected to prevent access to the sites, as per the Power & Water Sewage Spills/Overflow Response Work Instruction.</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. Discharge sites inspected for any gross pollutants and removed as required.</p>
(f) the identity of the person notifying the NT EPA	Power and Water Environmental Services team on behalf of Water Services

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Sewage pumping station (SP042) – Namarluk Drive, Ludmilla



Sewage pumping stations (SP007 & SP008) - Rapid Creek Rd, Rapid Creek & Lakeside Drive, Alawa



Sewage pumping station (SP035) – Vesty's Beach

