

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

Date and Time of Notification:	Initial Notification: Tuesday 7 April 2026 at 12:30pm. Final notification: Friday 10 April 2026 at 15:15pm.
Person / Company:	Power and Water Corporation
Incident:	Discharge of highly diluted effluent from sewerage network at Lakeside Drive and Rapid Creek Sewage Pump Station

(a) the incident causing or threatening to cause pollution	<i>i. Description of the waste that was discharged.</i>																																
	Highly diluted sewage																																
	<i>ii. Indicative wastewater quality for the discharge.</i>																																
	Inflow data to Ludmilla WWTP (Waste Water Treatment plant) at the time of spill commenced was at approximately 895L/s, which equates to 77ML/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.		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
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	<i>iii. Volume of the waste that was discharged.</i>																																
	The volume of wastewater discharged is unknown. No telemetric monitoring occurs at the sites of discharge.																																
(b) the place where the incident occurred	<i>i. Description of the Power & Water asset from which the discharge occurred.</i> - Lakeside Drive Sewer Pump Station (SPS) - Rapid Creek SPS																																

	<i>ii. GPS coordinates of the discharge point from the Power & Water asset, and the final coordinates of the final discharge point.</i> - Lakeside Drive SPS - Discharge point: 12.3806488 S, 130.8656252 E - Final point: 12.3805596 S, 130.8665271 E - Rapid Creek SPS - Discharge point: 12.3806488 S, 130.8656252 E - Final point: 12.3805596 S, 130.8665271 E <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 overflow location is possible as it occurred in an area open to the public. Due to its location within mangroves direct interaction with the public is unlikely.
(c) the date and time of the incident	<i>i. The time and date of commencement and cessation of the discharge.</i> - Lakeside Drive SPS Started: 04:41am 06/04/2026 Stopped: 11:00am 08/04/2026 - Rapid Creek SPS Started: 5:18am 06/04/2026 Stopped: 10:59am 06/04/2026 <i>ii. How Power & Water were notified, or became aware of the discharge.</i> SCADA wet well high-level alarms notified Power & Water operations staff of the overflows. <i>iii. The process by which the discharge occurred.</i> Due to high rainfall in the Darwin catchment, significant quantities of inflow and infiltration of stormwater has diluted and significantly increased volumes of sewage effluent in the sewerage system. As a result of this, highly diluted sewage effluent overflows have occurred from sewerage infrastructure at the designated overflow point as the system was designed to operate. <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	<i>i. Decontamination of the site as appropriate.</i> Clean up will be consistent with Sewage Spills/Overflow Response Work

or threatening to be caused by the incident	Instruction as appropriate to the location, and to minimise risk to the
(f) the identity of the person notifying the NT EPA	Power and Water Environmental Team on behalf of Water Services.

Appendix A – Location Map for Lakeside Drive and Rapid Creek SPS Overflow point

