

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

Date and Time of Notification:	Initial notification: Saturday 28 February 2026 at 8:30pm Final notification: Monday 2 March 2026 at 3:00pm
Person / Company:	Power and Water Corporation
Incident:	Discharge of highly diluted sewage effluent at Gregory Street, Parap

(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 WWTP peaked prior to the event at around 10:00hrs, with an inflow of 3.294ML/hr, which equates to 79ML/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 wastewater discharged is unknown. No telemetric monitoring occurs at the sites 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
	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																															
(b) the place where the incident occurred	i. Description of the Power & Water asset from which the discharge occurred. 1. Access chambers on the corner of Gregory Street and East Point Road. ii. GPS coordinates of the discharge point from the Power & Water asset, and the final coordinates of the final discharge point.																																	

	1. Two access chambers on cnr Gregory St/East Point Rd: Discharge Point: -12.4320022 S, 130.8378083 E and -12.4321384 S, 130.8379457 E Final Discharge Point: 12.4316500 S, 130.8362400 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 was possible to the overflow relief point discharge location, although due to the wet weather conditions at the time, the likelihood of people visiting these areas was low. Overflow of the diluted sewage ends up in Vestys Lagoon which is part of a public recreation area.
(c) the date and time of the incident	<i>i. The time and date of commencement and cessation of the discharge.</i> Power and Water received a notification of the overflow at approximately 1:00pm on the 28th of February. The overflow had ceased the same day. <i>ii. How Power & Water were notified, or became aware of the discharge.</i> The access chambers were observed to be overflowing during routine checks. <i>iii. The process by which the discharge occurred.</i> Due to significant rainfall in the Darwin catchment, and more heavy and intense rainfall forecast, sewage volumes within the sewerage system had increased significantly due to inflow and infiltration of stormwater. <i>iv. The reason why the discharge occurred.</i> As per (c) iii. Sewerage network infrastructure has been designed to overflow with the best public health and environmental outcomes possible. Design focuses on not overflowing directly inside houses; rather discharge is designed to occur in a controlled manner at locations which can be accessed for infrastructure repair and clean up and with minimal public health or environmental impacts
(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. 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. <i>ii. Resultant environmental harm</i> Assessment of the incident indicates the impact to the environment is of low level nuisance. The stormwater drainage system at this location drains to Vestys Lagoon which forms part of a public recreation area. Signage was installed at the site of the overflow to inform members of the public.

(f) the identity of the person notifying the NT EPA	Power and Water Environmental Services team on behalf of Water Services.
---	--

Appendix B – Location Map (showing the 2 discharge locations) and photo for the access chambers on cnr Gregory Street and East Point Road.





Indicative photo of the fenced access chambers on the corner of Gregory Street and East Point Road. Historical photo from 2021.