Northern Territory Environment Protection Authority

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

Date and Time of Notification:	Tuesday 8 April 2025, 3.00pm
Person / Company:	Power and Water Corporation
Incident:	Discharge of diluted sewage effluent from sewerage network

(a) the incident causing or threatening to cause pollution	*i. Description of the waste that was discharged.* Diluted sewage. *ii. Indicative wastewater quality for the discharge.* No representative wastewater quality data is available for the wastewater treatment plant inlet. *iii. Volume of the waste that was discharged.* The volume of wastewater discharged is unknown. No telemetric monitoring occurs at the site of discharge.
(b) the place where the incident occurred	*i. Description of the Power & Water asset from which the discharge occurred.* The overflow emanates from Galiwinku sewage pumping station 1 (SPS 1), located at Lot 305, Townsite of Galiwinku. The discharge point is at the end of the emergency discharge pipeline which is approximately 20m to the west of the sewage pumping station. See Appendix A for a map showing the discharge locations. *ii. GPS coordinates of the discharge point from the Power & Water asset, and the final coordinates of the final discharge point. (Ludmilla)* Galiwinku SPS 1: - Discharge Point: -12.0228731° S, 135.5631197° E - Final Discharge Point: -12.0227911° S, 135.5622428° E *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.* Public access to the discharge location was possible, but unlikely, due to weather conditions at the time.

(c) the date and time of the incident	*i. The time and date of commencement and cessation of the discharge.* The commencement time of the overflow is unknown. Equipment monitoring indicates that one of the pumps faulted and stopped working from 4.50pm on 7/4/2025 to 7am on 8/4/2025. The overflow occurred during this time. *ii. How Power & Water were notified, or became aware of the discharge.* The utility support contract worker notified Power & Water operations staff that the overflow had occurred at approximately 9am on 8/4/2025. *iii. The process by which the discharge occurred.* Rainfall events in the previous weeks have saturated the ground and a recent rainfall event has inundated the sewer systems with stormwater, through a combination of inflow and infiltration. This, coupled with a pump faulting out, led to the pump station becoming overwhelmed, as combined inflows exceeded the pumping capacities of the pump station. The pump has since been reset. Works are planned for 9/4/2025 to allow the pump to be assessed for further repairs. *iv. The reason why the discharge occurred.* 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. Confirmation signage and fencing has been erected, as appropriate.* No signage or fencing was erected in this instance as public access to the overflow point is unlikely. *ii. Decontamination of the site as appropriate.* 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 team on behalf of Water Services.

Appendix A – Location Map