

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

Date and Time of Notification:	Wednesday 3 rd August 2022
Person / Company:	Power and Water Corporation (PWC)
Incident:	Discharge of sewage from sewerage network, Yuelamu Sewage Pumping Station No. 1

(a) the incident causing or threatening to cause pollution	<i>i. Description of the waste that was discharged.</i> Raw sewage (no gross pollutants) <i>ii. Indicative wastewater quality for the discharge.</i> No representative wastewater quality data available for this community. <i>iii. Volume of the waste that was discharged.</i> The volume of wastewater discharged is unknown. No telemetric monitoring occurs at the site of discharge. It was estimated though to have been around 500 litres.
(b) the place where the incident occurred	<i>i. Description of the PWC asset from which the discharge occurred.</i> Yuelamu sewage pumping station number one, Yuelamu. <i>ii. GPS coordinates of the discharge point from the PWC asset, and the final coordinates of the final discharge point. (Ludmilla)</i> Discharge Point: 132.2058569E, -22.2544703S (SPS) Final Discharge Point: 132.2057866E, -22.2544094S <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> Access to the public was possible; hence, in the absence of lime, sodium hypochlorite was applied to the spill area as a means of disinfection, on the day of the spill 31/07/2022.
(c) the date and time of the incident	<i>i. The time and date of commencement and cessation of the discharge.</i> The sewage pumping station overflow began at an unknown time before 09:30hrs on 31/07/2022 when the spill was first noticed, and ceased at 10:30hrs 31/07/2022.

	<i>ii. How PWC were notified, or became aware of the discharge.</i> The Essential Services Operator (ESO) observed an overflow from the sewage pump station during a routine inspection and contacted the on-call PWC Coordinator on the 31/07/2022. The event was not communicated to Environmental Services until the beginning of the working week, which was Tuesday the 02/08/2022, due to the NT public holiday. <i>iii. The process by which the discharge occurred.</i> Pump number 1 at the Yuelamu SPS No.1 failed and was isolated pending lifting and inspection by the ESO. On the 28/07/2022, the remaining operational pump, pump2, ceased pumping. The pump ran when called, but did not pump sewage; possibly indicating a detached impellor. When the SPS reached high level this registered as an alarm in the SCADA system on site, but the on-call Coordinator did not receive a Pi Notification. These faults are being investigated and actioned as required. <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 in this instance, as the spill occurred in an area not typically accessed by members of the public. <i>ii. Decontamination of the site as appropriate.</i> Clean up consistent with Sewage Spills/Overflow Response Work Instruction as appropriate to the location, and to minimise risk to the Environment. Site was inspected for any wastewater gross pollutants, of which none were observed. In the absence of lime, sodium hypochlorite was applied to the spill area as a means of disinfection.
(f) the identity of the person notifying the NT EPA	PWC Environmental Team on behalf of Water Services

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Appendix A – Location Map



Appendix B – Photograph of the spill

