

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

Date and Time of Notification:	Tuesday 18 July 2023, 1610hrs
Person / Company:	Power and Water Corporation
Incident:	Discharge of raw sewage from network – 100mm inspection opening in Daguragu community

<p>(a) the incident causing or threatening to cause pollution</p>	<p><i>i. Description of the waste that was discharged.</i></p> <p>Raw sewage</p> <p><i>ii. Indicative wastewater quality for the discharge.</i></p> <p>Raw sewage. Discharge from 100mm inspection opening in Daguragu community.</p> <p>See table of most recent sampling at the Kalkarindji ponds which is the nearest nearby community (less than 10km away). As there are no wastewater samples for Daguragu, the Kalkarindji figures provide indicative wastewater quality of raw sewerage for Daguragu community.</p> <p><i>Table 1: Wastewater Sampling: Kalkarindji Ponds</i></p> <table border="1" data-bbox="571 1205 1406 1391"> <thead> <tr> <th colspan="4">Bacteriological</th> </tr> <tr> <th>Sample Date</th> <th>Location</th> <th>E. coli (MPN/100 mL)</th> <th>Enterococci (MPN/100 mL)</th> </tr> </thead> <tbody> <tr> <td>19/04/2023</td> <td>Pond 1 Inlet</td> <td>7330</td> <td>200</td> </tr> </tbody> </table> <p><i>iii. Volume of the waste that was discharged.</i></p> <p>Approximate volume is unknown and discharge is ongoing pending corrective works.</p> <p>The volume of waste discharged is unknown as inspection openings are not telemetered.</p> <p>Contractors were arranged immediately by Power and Water staff early Monday evening (17/07/2023). A sucker truck is travelling from Katherine to Daguragu and will take several hours due to road conditions.</p>	Bacteriological				Sample Date	Location	E. coli (MPN/100 mL)	Enterococci (MPN/100 mL)	19/04/2023	Pond 1 Inlet	7330	200
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<p>(b) the place where the incident occurred</p>	<p><i>i. Description of the PWC asset from which the discharge occurred.</i></p> <p>A damaged Government Inspection Opening (GIO) has subsequently caused the sewage to backup and discharge from a 100mm sewer pipe inspection opening. What/who caused the damage to the GIO is not known.</p> <p>Discharge is currently ongoing, with contractors currently in transit to site to rectify.</p>												

	<p><i>ii. GPS coordinates of the discharge point from the PWC asset, and the final coordinates of the final discharge point.</i></p> <p>Discharge Point 1: 130.8054796E, 17.4018940S Discharge Point 2: 130.8060881E, 17.4021773S</p> <p>The discharge starts at point 1 and is settling at point 2. Please see map in Appendix A.</p> <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>Area of discharge has signed fencing to inhibit public access. Community members have been advised of the situation and to steer clear until safe to do so. Communication is ongoing with the community through community advisors, contractors, and the Utilities Support Contract worker (USC).</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>The exact timing of the discharge is unknown, however it was discovered at 3pm on Monday (17/07/23). The discharge is ongoing until contractors arrive on-site to make necessary repairs.</p> <p><i>ii. How PWC were notified, or became aware of the discharge.</i></p> <p>On late Monday afternoon (17/07/2023) around 3pm a local contractor reported the discharge to the USC in Daguragu, formerly known as the essential service officer. The Daguragu USC notified Power and Water staff in Katherine. Early Monday evening (17/07/2023) Katherine staff urgently arranged for contractors, including a vacuum truck to travel to Daguragu. On Tuesday (18/07/2023) Katherine Power and Water staff informed the Environment Team.</p> <p><i>iii. The process by which the discharge occurred.</i></p> <p>A broken GIO at the boundary of lot 37 (Daguragu community) was found to have no lid, the piping is lifted and broken with debris falling into the GIO. This has caused blockage and sewerage has since backed up. Hence the discharge.</p> <p>What/who caused the damage to the GIO is not known.</p> <p><i>iv. The reason why the discharge occurred.</i></p> <p>As per (c) iii.</p>
<p>(d) how the pollution has occurred, is occurring or may occur</p>	<p>As per (c) iii & (c) iv.</p>
<p>(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>	<p><i>i. Signage and fencing has been erected, as appropriate.</i></p> <p>Signed fencing was erected surrounding the entire affected area. Contaminated area is hindered to exclude public access.</p> <p><i>ii. Decontamination of the site as appropriate.</i></p> <p>Clean up consistent with Power and Water's Sewage Spills/Overflow Response Work Instruction as appropriate to the location. Site will be</p>

	inspected for any gross pollutants. Blockage will be cleared, affected areas will have ponded water sucked up via a sucker truck. Going to camera and capture any debris to ensure affected areas are cleaned and disinfected.
(f) the identity of the person notifying the NT EPA	Power and Water Environment Team on behalf of Water Services.

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Appendix A – Location map

