

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

Date and Time of Notification:	Friday 14 July 2023, 10:00hrs
Person / Company:	Power and Water Corporation
Incident:	Discharge of raw sewage (no gross pollutants) from sewerage network – manhole (lot 460 Ngukurr 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 (no gross pollutants).</p> <p><i>ii. Indicative wastewater quality for the discharge.</i></p> <p>Raw sewage (no gross pollutants). Discharge from manhole (lot 460 Ngukurr community).</p> <p>See table of most recent sampling at the Ngukurr sewer ponds. The figures provide indicative wastewater quality of raw sewage for Ngukurr community.</p> <p style="text-align: center;"><i>Table 1: Ngukurr Wastewater Quality Results</i></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="4" style="background-color: #cccccc;">Bacteriological</th> </tr> <tr> <th style="background-color: #cccccc;">Sample Date</th> <th style="background-color: #cccccc;">Location</th> <th style="background-color: #cccccc;">E. coli (MPN/100 mL)</th> <th style="background-color: #cccccc;">Enterococci (MPN/100 mL)</th> </tr> </thead> <tbody> <tr> <td>05/04/2023</td> <td>Pond 1 Inlet</td> <td>216,000</td> <td>79,800</td> </tr> </tbody> </table> <p><i>iii. Volume of the waste that was discharged.</i></p> <p>The volume of waste discharged is unknown as manholes are not telemetered. Approximate volumes are not known. On discovery of the discharge at 11am on Thursday (13/07/2023) the discharge ceased by 2pm the same day (13/07/2023).</p>	Bacteriological				Sample Date	Location	E. coli (MPN/100 mL)	Enterococci (MPN/100 mL)	05/04/2023	Pond 1 Inlet	216,000	79,800
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Sample Date	Location	E. coli (MPN/100 mL)	Enterococci (MPN/100 mL)										
05/04/2023	Pond 1 Inlet	216,000	79,800										
<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>Sewer 150mm manhole.</p> <p>Discharge of effluent occurred from a manhole and pooled within a fenced property (lot 460 Ngukurr community). The discharge has since ceased.</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: 134.7316989E, 14.7314900S</p>												

	<p>Discharge Point 2: 134.7315533E, 14.7316671S</p> <p>Please see Appendix A provided.</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>Spill was not accessible to the public as the discharge was located in a fenced property (lot 460 Ngukurr community). Occupants of the house knew about the spill and did not enter the area until discharge was cleaned and area was safe to enter.</p> <p>In this instance installation of barricading and signage around the affected area was not necessary as the discharge was contained within the fenced property (lot 460 Ngukurr community). See photo provided in Appendix B.</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 11am on Thursday morning (13/07/23). The discharge had ceased by 2pm on Thursday afternoon (13/07/23).</p> <p><i>ii. How PWC were notified, or became aware of the discharge.</i></p> <p>The Utility Contract Service Worker, formerly known as the essential service officer, was alerted by a Ngukurr community member who detected the discharge. The USC notified Power and Water staff who then informed the Environment Team.</p> <p><i>iii. The process by which the discharge occurred.</i></p> <p>Blockage of 150mm PVC main cause sewerage to back up and discharge from manhole.</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>Contained spill was cleaned as per Power and Water procedure.</p> <p><i>i. Confirmation signage and fencing has been erected, as appropriate.</i></p> <p>No signage or fencing was erected as spill was contained in a fenced yard (lot 460 Ngukurr community). Contaminated area was not accessible to the public.</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 was inspected for any gross pollutants, of which none were observed, and the area was cleaned and disinfected with biodegradable detergent.</p>

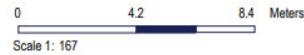
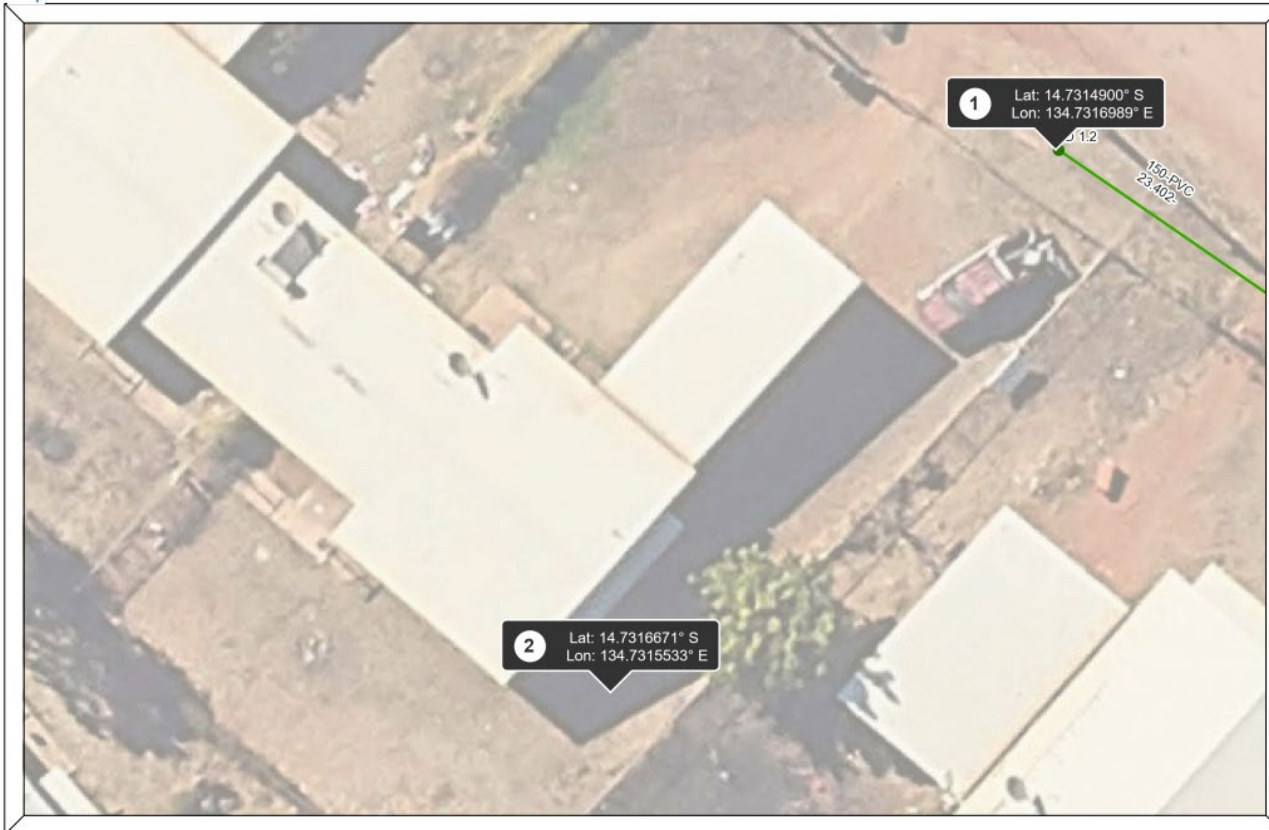
<p>(f) the identity of the person notifying the NT EPA</p>	<p>PWC Environmental Team on behalf of Water Services.</p>
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Appendix A

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Discharge from access chamber at Lot 460, Ngukurr community and contained within fenced property

14/07/2023

Appendix B – Photo of discharge in Lot 460 (pre-clean up), Ngukurr community and contained within fenced property (provided by USC)

