

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

Date and Time of Notification:	Tuesday 18 July 2023 1325hrs
Person / Company:	Power and Water Corporation
Incident:	Discharge of raw sewage from Overflow Relief Gully (ORG) at Karnte camp, Mparntwe (Alice Springs)

<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 ORG, see table below for indicative water quality data. Flows were average dry weather flows.</p> <p>Table 1. Wastewater samples: Mparntwe (Alice Springs) Ponds</p> <table border="1" data-bbox="598 1249 1380 1400"> <thead> <tr> <th>Sample Date</th> <th>Description</th> <th>E. Coli (MPN/100mL)</th> </tr> </thead> <tbody> <tr> <td>20/06/2023</td> <td>SAA001 ALICE INLET SEWER</td> <td>12,740,000</td> </tr> <tr> <td>14/06/2023</td> <td>SAA001 ALICE INLET SEWER</td> <td>12,590,000</td> </tr> </tbody> </table> <p><i>iii. Volume of the waste that was discharged.</i></p> <p>The volume of waste discharged is unknown because the ORG is not telemetered. Approximate volume is estimated at less than 1kL.</p>	Sample Date	Description	E. Coli (MPN/100mL)	20/06/2023	SAA001 ALICE INLET SEWER	12,740,000	14/06/2023	SAA001 ALICE INLET SEWER	12,590,000
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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>Discharge from an ORG located on Kurparu Crescent less than 50m west of the sewer pump station in Karnte camp, Mparntwe (Alice Springs).</p> <p>The discharge from the ORG pooled in the immediate area.</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: 23.7645470S 133.8649988E</p> <p>Discharge pooled at discharge point 1 coordinates. Please see map in Appendix A.</p>									

	<p>Please see photo in Appendix B that was provided by a Power and Water staff member (Technical Coordinator).</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>The discharge was via an ORG and discharge pooled in the immediate area that was accessible by the public.</p> <p>Signed fencing was erected to inhibit public access.</p> <p>The ponding water was sucked up via a sucker truck.</p>
(c) the date and time of the incident	<p><i>i. The time and date of commencement and cessation of the discharge.</i></p> <p>The overflow was first reported at approximately 3:00pm Monday 17 July. At around 5:00pm that same day (Monday 17 July) the blockage was cleared, discharge stopped from the ORG and affected areas fenced off (with signage) and cleaned.</p> <p><i>ii. How PWC were notified, or became aware of the discharge.</i></p> <p>Power and Water was first alerted via online monitoring when low inflow trends alluded to a problem at the Karnte camp sewer pump station. Discharge was confirmed shortly after when Power and Water staff travelled to site (Karnte camp) to undertake a follow-up visual check.</p> <p><i>iii. The process by which the discharge occurred.</i></p> <p>Blockage at the inlet to pump station caused sewage to back up and discharge from a nearby ORG. It is believed foreign objects such as rocks have been disposed of into the sewer system causing the blockage.</p> <p><i>iv. The reason why the discharge occurred.</i></p> <p>As per (c) iii</p>
(d) how the pollution has occurred, is occurring or may occur	<p>As per (c) iii & (c) iv.</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><i>i. Confirmation signage and fencing has been erected, as appropriate.</i></p> <p>Blockage was cleared at inlet to pump station.</p> <p>Signed fencing was erected around immediate area of ORG affected by discharge.</p> <p>Ponding water was sucked up via sucker truck.</p> <p><i>ii. Decontamination of the site as appropriate.</i></p> <p>Area was inspected for gross pollutants of which none were present.</p> <p>Clean up was undertaken as per PWC Sewage Spills/Overflows Response Work Instruction upon cessation of the discharge.</p>

	<p>Ponding water was sucked up via sucker truck.</p> <p>Signed fencing was erected and the area was cleaned before safe access by the public was permitted.</p> <p><i>iii. Attempts made to prevent, reduce or control the discharge</i></p> <p>Blockage has been cleared, which has stopped the overflow to the environment. The sewage main is operating as per normal specifications again.</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 – Location map



Appendix B – Photo of pooled discharge from an ORG in Karnte camp (pre-clean up)

