

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

<b>Date and Time of Notification:</b>	Saturday 15 <sup>th</sup> July 2023 12:15pm
<b>Person / Company:</b>	Power and Water Corporation ( <b>PWC</b> )
<b>Incident:</b>	Discharge of raw sewage from manhole at 5 Thorold Court, Alice Springs

<p><b>(a) the incident causing or threatening to cause pollution</b></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 manhole, see Table below for indicative water quality data. Flows were average dry weather flows.</p> <table border="1" data-bbox="598 1093 1380 1243"> <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 as manholes are not telemetered. Approximate volume is estimated be between 2-3kL.</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>(b) the place where the incident occurred</b></p>	<p><i>i. Description of the PWC asset from which the discharge occurred.</i></p> <p>Manhole located at 5 Thorold Court, Alice Springs.</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: 23.6921613S 133.8405969E Final discharge location: 23.6922307S 133.8406004E</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 is via a manhole within a fenced private property, however the sewage has flowed from the yard into a public accessible area/open stormwater drain. The stormwater area was cleaned with biodegradable disinfect to allow safe access to the public area. Fencing is being erected within the private residence until the contaminated soil is removed and replaced with clean topsoil.</p>									

<p><b>(c) the date and time of the incident</b></p>	<p><i>i. The time and date of commencement and cessation of the discharge.</i></p> <p>The overflow was first observed at approximately 3:40pm Friday 14<sup>th</sup> July and ceased at approximately 6:00pm Friday 14<sup>th</sup> July 2023.</p> <p><i>ii. How PWC were notified, or became aware of the discharge.</i></p> <p>PWC was notified by a private plumber who was initially called to the residence to inspect the blockage.</p> <p><i>iii. The process by which the discharge occurred.</i></p> <p>Blockage of 150mm PVC main caused sewage to back up and discharge from manhole. Blockage cause is currently unknown but assumed to be foreign materials.</p> <p><i>iv. The reason why the discharge occurred.</i></p> <p>As per (c) iii</p>
<p><b>(d) how the pollution has occurred, is occurring or may occur</b></p>	<p>As per (c) iii &amp; (c) iv.</p>
<p><b>(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</b></p>	<p><i>i. Confirmation signage and fencing has been erected, as appropriate.</i></p> <p>The stormwater area was cleaned with biodegradable disinfect to allow safe access to the public area. Fencing is being erected within the private residence until the contaminated soil is removed and replaced with clean topsoil.</p> <p><i>ii. Decontamination of the site as appropriate.</i></p> <p>Area was inspected for gross pollutants of which none were present. Clean up was undertaken as per PWC Sewage Spills/Overflows Response Work Instruction upon cessation of the discharge. The stormwater area was cleaned with biodegradable disinfect to allow safe access to the public area. Fencing is being erected within the private residence until the contaminated soil is removed and replaced with clean topsoil.</p> <p><i>iii. Attempts made to prevent, reduce or control the discharge</i></p> <p>Blockage has been partially cleared, which has stopped the overflow to the environment. PWC crew continue to work to completely clear the blockage to allow sewage main to operate as per normal specifications.</p>
<p><b>(f) the identity of the person notifying the NT EPA</b></p>	<p>PWC Environmental Team on behalf of Water Services</p>

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### Appendix A – Location map



Figure 1: 1. Approximate discharge location. 2. Approximate final point