

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

Date and Time of Notification:	Wednesday 17/03/2021 16:16hrs
Person / Company:	Power and Water Corporation (PWC)
Incident:	Overflow of diluted treated effluent

<p>(a) the incident causing or threatening to cause pollution</p>	<p><i>i. Description of the waste that was discharged.</i></p> <p>Overflow of diluted treated effluent.</p> <p><i>ii. Indicative wastewater quality for the discharge.</i></p> <p>Indicative wastewater quality for this overflow can be found in Table 1.</p> <p>Table 1.</p> <table border="1" data-bbox="662 1131 1396 1339"> <thead> <tr> <th>Date</th> <th>E. coli MPN/100mL</th> <th>Enterococci MPN/100mL</th> </tr> </thead> <tbody> <tr> <td>16/02/2021</td> <td>10</td> <td>950</td> </tr> <tr> <td>28/02/2020</td> <td>2,143</td> <td>4,884</td> </tr> <tr> <td>09/03/2021</td> <td>63</td> <td>8,164</td> </tr> </tbody> </table> <p><i>iii. Volume of the waste that was discharged.</i></p> <p>The volume discharged is unknown. Discharge was ongoing at time of initial reporting, but was described as being light by the operations team. There is no flowmeter at the discharge point, or accumulator flowmeter at the pump station which could help to provide an estimate.</p>	Date	E. coli MPN/100mL	Enterococci MPN/100mL	16/02/2021	10	950	28/02/2020	2,143	4,884	09/03/2021	63	8,164
Date	E. coli MPN/100mL	Enterococci MPN/100mL											
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28/02/2020	2,143	4,884											
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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>Adelaide River Wastewater Ponds (Lot 169)</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: 13.2302578 S, 131.1060579 E Final discharge point: 13.2269487 S, 131.1026738 E</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>Discharge is to an open unlined drain/channel on a fenced neighbouring private property, where there is no public access. This channel then flows through to bushland and ultimately to Snake Creek, which is away from normal public access locations, however is accessible to the public.</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>Exact time of commencement and cessation is unknown. It was first observed around 09:00hrs 17/03/2021. Ongoing at the time of initial reporting. It was confirmed on Friday 16/04/2021 that the overflow had ceased, although it is more than likely that the overflow will have stopped well prior to this date, as the overflow was the result of heavy rainfall within the catchment. A more accurate time and date cannot be determined</p> <p><i>ii. How PWC were notified, or became aware of the discharge.</i></p> <p>The Power and Water operator noticed the spill at around 09:00hrs on the 17/03/2021, when conducting his routine checks.</p> <p><i>iii. The process by which the discharge occurred.</i></p> <p>A significant rainfall event inundated the sewer system with stormwater run-off resulting in an overflow from the pond outfall.</p> <p><i>iv. The reason why the discharge occurred.</i></p> <p>Due to high rainfall, stormwater infiltration to the sewerage network resulted in an increase in the effluent volume within the ponds. The effluent volume within the wastewater ponds is beyond its capacity resulting in an offsite discharge.</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>Discharge is through a neighbouring private property that is already fenced, and the neighbour was advised of the event, shortly after PWC becoming aware of it.</p> <p><i>ii. Decontamination of the site as appropriate.</i></p> <p>Overflow is diluted treated effluent, sewage debris was inspected for and was not present.</p>
(f) the identity of the person notifying the NT EPA	<p>PWC Environmental Team on behalf of Water Services</p>

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Appendix A – Location map



Appendix A – Photograph of the elevated pond level



Appendix B – Photograph of the drain running through neighbouring property to Snake Gully

