

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

Date and Time of Notification:	Wednesday 29 th March 2022, 9:45hrs
Person / Company:	Power and Water Corporation (PWC)
Incident:	Discharge of treat effluent from Finke Waste Water Treatment Ponds.

<p>(a) the incident causing or threatening to cause pollution</p>	<p><i>i. Description of the waste that was discharged.</i></p> <p>Treated Effluent</p> <p><i>ii. Indicative wastewater quality for the discharge.</i></p> <p>Treated Effluent. Discharge from final pond set of Finke Waste Water Treatment Ponds. Indicative water quality found in Table 1 below. Data from Hermannsburg Ponds, as no data available for Finke.</p> <table border="1" data-bbox="614 1115 1449 1415"> <caption>Table 1</caption> <thead> <tr> <th rowspan="3">Sample Date</th> <th colspan="2">Bacteriological</th> </tr> <tr> <th>E. coli</th> <th>Enterococci</th> </tr> <tr> <th>E. Coli (MPN/100mL)</th> <th>Enterococci (MPN/100mL)</th> </tr> </thead> <tbody> <tr> <td>13/04/2022</td> <td>186</td> <td>46,500</td> </tr> <tr> <td>8/02/2022</td> <td>960</td> <td>241,960</td> </tr> <tr> <td>11/01/2022</td> <td>6,867</td> <td>23,820</td> </tr> </tbody> </table> <p>Location: SHE090 (WQ-HERMANNSBURG POND 3 OUTLET)</p> <p><i>iii. Volume of the waste that was discharged.</i></p> <p>The volume of waste discharged is unknown as site is not telemetered, nor is there metering at the point of discharge.</p>	Sample Date	Bacteriological		E. coli	Enterococci	E. Coli (MPN/100mL)	Enterococci (MPN/100mL)	13/04/2022	186	46,500	8/02/2022	960	241,960	11/01/2022	6,867	23,820
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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>Relief point from pond 3.</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: 25.5640495S 134.5730107E Final discharge location: 25.5648277S 134.5717903E</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>																

	The discharge is via open drain in public accessible location, within close proximity of public track.
(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 time observed; Observed (approx.) – 2:21pm Monday 27th June 2022 Stop (approx.) – Ongoing</p> <p><i>ii. How PWC were notified, or became aware of the discharge.</i></p> <p>PWC's Technical Coordinator attended site on 27th June and identified the discharge.</p> <p><i>iii. The process by which the discharge occurred.</i></p> <p>Capacity of pond 3 exceeded, resulting in discharge from the relief point to open drain.</p> <p><i>iv. The reason why the discharge occurred.</i></p> <p>The Coordinator advised that the likely cause is the ponds reaching the service capacity, as a result of increased visitor population. This coupled with low evaporation during winter, has led to inflows exceeding the capacity of the ponds.</p>
(d) how the pollution has occurred, is occurring or may occur	As per (c) iii & (c) iv.
(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>Signage to be erected notifying the public of discharge and to deter access to the area.</p> <p><i>ii. Decontamination of the site as appropriate.</i></p> <p>Discharge is ongoing. Site inspected for gross pollutants of which none were observed. Clean up will be undertaken as per PWC Sewage Spills/Overflows Response Work Instruction upon cessation of the discharge.</p> <p><i>iii. Attempts made to prevent, reduce or control the discharge</i></p> <p>No immediate reasonable or practical steps available to prevent, reduce or control the discharge from occurring. Overflow will cease once inflows have reduced below capacity.</p>
(f) the identity of the person notifying the NT EPA	PWC Environmental Team on behalf of Water Services

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Appendix A – Location map



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

Appendix B – Site Photos



