

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

<b>Date and Time of Notification:</b>	Tuesday 23 <sup>rd</sup> November 2021, 10:58hrs
<b>Person / Company:</b>	Power and Water Corporation ( <b>PWC</b> )
<b>Incident:</b>	Discharge of raw sewage from 150mm gravity main.

<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>The flows were average dry weather flows. As a result the sewage was undiluted. Please refer to the following table for indicative wastewater quality.</p> <p><b>Table 1: Inflows to Ludmilla WWTP</b></p> <table border="1"> <thead> <tr> <th></th> <th>Median Inflow (ML)</th> <th>Median E. coli</th> <th>Median Enterococci</th> <th>Dilution Terminology</th> </tr> </thead> <tbody> <tr> <td>below ADWF</td> <td>11.401</td> <td>14,136,000</td> <td>713,550</td> <td>Undiluted</td> </tr> <tr> <td>&gt;ADWF</td> <td>13.253</td> <td>11,616,000</td> <td>727,000</td> <td>Partially Diluted</td> </tr> <tr> <td>&gt;2xADWF</td> <td>29.629</td> <td>8,164,000</td> <td>323,000</td> <td>Diluted</td> </tr> <tr> <td>&gt;3xADWF</td> <td>44.043</td> <td>6,488,000</td> <td>261,300</td> <td rowspan="3">Highly diluted</td> </tr> <tr> <td>&gt;4xADWF</td> <td>51.048</td> <td>5,634,500</td> <td>238,100</td> </tr> <tr> <td>&gt;5xADWF</td> <td>99.841</td> <td>2,359,000</td> <td>218,700</td> </tr> </tbody> </table> <p>NOTE: Based on 01/01/2018 to 31/12/2020 inflows to Ludmilla WWTP and monitoring events data. Average dry weather inflow being 11.9012 ML/day.</p> <p><i>iii. Volume of the waste that was discharged.</i></p> <p>The volume of waste discharged is unknown. Minimal as the asset is a new 150mm main servicing one customer.</p>		Median Inflow (ML)	Median E. coli	Median Enterococci	Dilution Terminology	below ADWF	11.401	14,136,000	713,550	Undiluted	>ADWF	13.253	11,616,000	727,000	Partially Diluted	>2xADWF	29.629	8,164,000	323,000	Diluted	>3xADWF	44.043	6,488,000	261,300	Highly diluted	>4xADWF	51.048	5,634,500	238,100	>5xADWF	99.841	2,359,000	218,700
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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>150mm gravity main.</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: 12.3890863S 130.8517007E</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 contained within construction site.</p>
<b>(c) the date and time of the incident</b>	<p><i>i. The time and date of commencement and cessation of the discharge.</i></p> <p>The time observed was approximately 10:50hrs 23/11/2021. Start and finish time unknown.</p> <p><i>ii. How PWC were notified, or became aware of the discharge.</i></p> <p>Operator notified by construction site that sewer main was struck.</p> <p><i>iii. The process by which the discharge occurred.</i></p> <p>Construction site contractor at the Jon Stokes development hit the 150mm sewer main with vehicle. Causing it to break and discharge.</p> <p><i>iv. The reason why the discharge occurred.</i></p> <p>As per (c) iii.</p>
<b>(d) how the pollution has occurred, is occurring or may occur</b>	<p>As per (c) iii &amp; (c) iv.</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><i>i. Confirmation signage and fencing has been erected, as appropriate.</i></p> <p>Fencing and signage not erected in this instance as site already fenced due to being a construction site.</p> <p><i>ii. Decontamination of the site as appropriate.</i></p> <p>Clean up consistent with Sewage Spills/Overflow Response Work Instruction as appropriate to the location, and to minimise risk to the Environment. Site inspected for any gross pollutants, and the area disinfected.</p> <p><i>iii. Attempts made to prevent, reduce or control the discharge</i></p> <p>PWC contractor engage to fix break. Educator truck to suck up sewage.</p>
<b>(f) the identity of the person notifying the NT EPA</b>	<p>PWC Environmental Team on behalf of Water Services</p>

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Appendix A – Location map



