

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

Date and Time of Notification:	Tuesday 12 th March 2024, 16:12hrs
Person / Company:	Power and Water Corporation
Incident:	Overflow of diluted sewage effluent at Belyuen School

<p>(a) the incident causing or threatening to cause pollution</p>	<p><i>i. Description of the waste that was discharged.</i></p> <p>Diluted sewage effluent</p> <p><i>ii. Indicative wastewater quality for the discharge.</i></p> <table border="1" data-bbox="582 1030 1412 1272"> <thead> <tr> <th rowspan="2">Sample Date</th> <th rowspan="2">Description</th> <th>Nutrients and Organics</th> <th colspan="2">Physical and General Chemical</th> </tr> <tr> <th>Nitrate as N (NO₃-N) (mg/L)</th> <th>Biochemical Oxygen Demand (mg/L)</th> <th>pH (lab) (pH units)</th> </tr> </thead> <tbody> <tr> <td>29/02/2024</td> <td>POND 2 OUTLET</td> <td>0.091</td> <td>5.0</td> <td>5.9</td> </tr> <tr> <td>18/01/2024</td> <td>POND 2 OUTLET</td> <td>0.039</td> <td>6.0</td> <td>7.51</td> </tr> <tr> <td>20/12/2023</td> <td>POND 2 OUTLET</td> <td>0.004</td> <td>17.0</td> <td>7.38</td> </tr> </tbody> </table> <p><i>Table 1.</i> Please see table 1 for indicative wastewater quality results. The effluent is believed to be diluted due to heavy rainfall on the day of and preceding the overflow.</p> <p><i>iii. Volume of the waste that was discharged.</i></p> <p>The volume of wastewater discharged is unknown. No telemetric monitoring occurs at these locations</p>	Sample Date	Description	Nutrients and Organics	Physical and General Chemical		Nitrate as N (NO ₃ -N) (mg/L)	Biochemical Oxygen Demand (mg/L)	pH (lab) (pH units)	29/02/2024	POND 2 OUTLET	0.091	5.0	5.9	18/01/2024	POND 2 OUTLET	0.039	6.0	7.51	20/12/2023	POND 2 OUTLET	0.004	17.0	7.38
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<p>(b) the place where the incident occurred</p>	<p><i>i. Description of the Power & Water asset from which the discharge occurred.</i></p> <p>Inspection pit manhole cover 8/10 D1.4. As well as locations within the school, that are not Power & Water assets.</p> <p><i>ii. GPS coordinates of the discharge point from the Power & Water asset, and the final coordinates of the final discharge point.</i></p> <p>Discharge Point 1: 130.7017964E, 12.5391676 (manhole cover) Final Discharge Points: Various locations within the school building/s</p> <p>Discharge occurred at several locations within the school grounds, including a bathroom. This lead to several classrooms becoming affected by the overflow.</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>Access by the public (students and teachers) to the spill was possible, however the utility service contract (USC) worker has been instructed to erect suitable barricading and isolate affected areas, until the area has been cleaned and made safe.</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 exact timing of the overflow is unknown, according to the plumber it started sometime mid-morning 11/03/2024. Power & Water Technical Co-ordinator was advised of the overflow at 13:21hrs 11/03/2024, by the plumbing contractor, who had already partially cleared the blockage which caused the overflow to cease.</p> <p>The plumbing contractor returned to site 12/03/2024 and it is believed to have been a large piece of steel wool that caused the blockage and subsequent overflow.</p> <p><i>ii. How Power & Water were notified, or became aware of the discharge.</i></p> <p>The Power & Water Technical Co-ordinator was notified by the attending plumbing contractor who advised that the issue is with a Power & Water asset.</p> <p><i>iii. The process by which the discharge occurred.</i></p> <p>The cause of the overflow was a blockage of one of the main sewer pipelines within the community. It is currently unknown what caused this blockage. Once the line has been cleared completely, by way of larger equipment, it may be possible to determine the cause.</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>The USC worker has gone to site with barricading available to him and isolated areas which were affected by sewer overflow, see appendix B.</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. All wastewater and gross pollutants will be vacuumed up, and areas will be thoroughly cleaned and disinfected. This will be undertaken by Power & Water contractors as soon as possible and access will not be granted until the areas have been made safe.</p>

(f) the identity of the person notifying the NT EPA	Power & Water Environmental Services team on behalf of Water Services
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Appendix A – Location Map with co-ordinates of discharge point.



Appendix B – Location Photographs



Source: Power & Water contractor – Belyuen & Acacia Utility Services Contract worker. Taken Monday 10/03/2024