

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

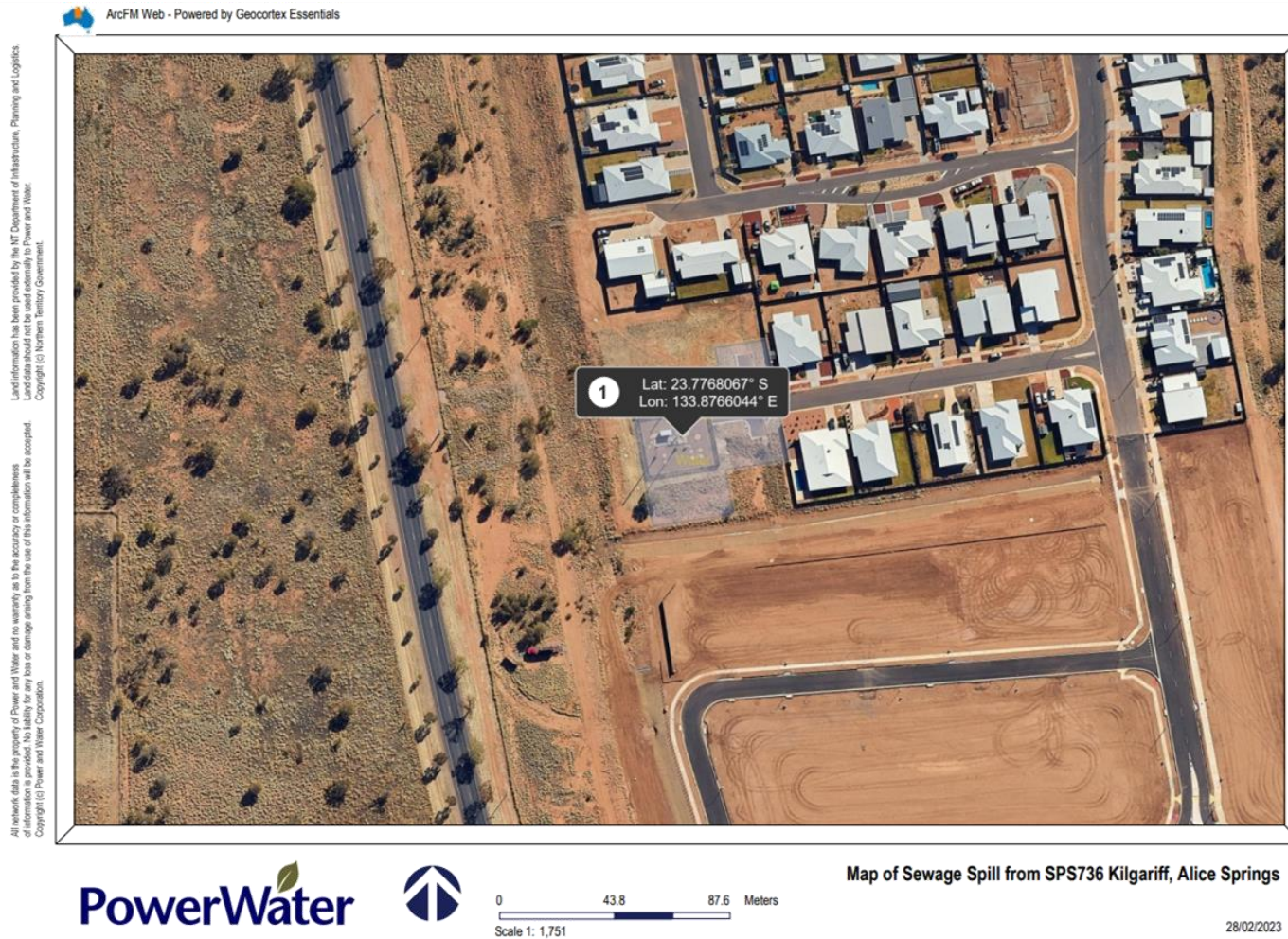
Date and Time of Notification:	Tuesday 28 th February 2023 16:00hrs
Person / Company:	Power and Water Corporation
Incident:	Discharge of sewage from sewerage network, Sewage Pumping Station Kilgariff, Alice Springs

(a) the incident causing or threatening to cause pollution	<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> <table border="1"> <thead> <tr> <th>Sample Date</th> <th>E. coli (MPN/100 mL)</th> <th>(DO) - field (%sat)</th> <th>(DO) - field (mg/L)</th> <th>EC (field) (mS/cm)</th> <th>Temp. (field) (°C)</th> <th>pH (field)</th> </tr> </thead> <tbody> <tr> <td>22/02/2023</td> <td>19,180,000</td> <td>0.2</td> <td>0.01</td> <td>1.657</td> <td>30.1</td> <td>7.56</td> </tr> <tr> <td>15/02/2023</td> <td>27,230,000</td> <td>0.0</td> <td>0.0</td> <td>1.608</td> <td>30.2</td> <td>7.59</td> </tr> <tr> <td>7/02/2023</td> <td>18,500,000</td> <td>0.6</td> <td>0.04</td> <td>1.579</td> <td>29.1</td> <td>7.7</td> </tr> </tbody> </table> <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 the site of discharge. It was estimated though to be around 1,000 litres, based on observations.</p>	Sample Date	E. coli (MPN/100 mL)	(DO) - field (%sat)	(DO) - field (mg/L)	EC (field) (mS/cm)	Temp. (field) (°C)	pH (field)	22/02/2023	19,180,000	0.2	0.01	1.657	30.1	7.56	15/02/2023	27,230,000	0.0	0.0	1.608	30.2	7.59	7/02/2023	18,500,000	0.6	0.04	1.579	29.1	7.7
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(b) the place where the incident occurred	<p><i>i. Description of the PWC asset from which the discharge occurred.</i></p> <p>Sewage pumping station SPS736, at the end of Fadelli Street, Kilgariff - 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. (Ludmilla)</i></p> <p>Discharge Point: 133.8766044E, -23.7768067S (SPS) Final Discharge Point: Immediately surrounding discharge point.</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 to the public was possible prior to a Power and Water field crew arriving on the scene to rectify the issue. The affected area is being fenced this afternoon, 28/02/2023 and signage will be erected as well.</p>
<p>(c) the date and time of the incident</p>	<p><i>i. The time and date of commencement and cessation of the discharge.</i></p> <p>The exact time the overflow began is unknown but would have occurred a short time before the Power and Water field crew arrived on the scene at 07:24hrs 28/02/2023. The spill was stopped by 08:30hrs 28/02/2023.</p> <p><i>ii. How PWC were notified, or became aware of the discharge.</i></p> <p>A member of the public notified the Power and Water call centre, who promptly dispatched a field crew to the scene.</p> <p><i>iii. The process by which the discharge occurred.</i></p> <p>A failure of the gasket material used on an above ground manifold that connects the two pumps within the pump station into the one rising main pipe. As this manifold was downstream of a non-return-valve, every time the sewer main was pressurised the manifold would begin to leak.</p> <p><i>iv. The reason why the discharge occurred.</i></p> <p>As per (c) iii.</p>
<p>(d) how the pollution has occurred, is occurring or may occur</p>	<p>As per (c) iii & (c) iv.</p>
<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>	<p><i>i. Confirmation signage and fencing has been erected, as appropriate.</i></p> <p>A fencing contractor will be erecting temporary fencing around the spill affected area and erect warning signage, to reduce the likelihood of community members coming into contact with the affected area.</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. The size of the discharge point, only being very small, prevented gross pollutants from entering the environment. The affected area had chlorine applied as an initial response.</p>
<p>(f) the identity of the person notifying the NT EPA</p>	<p>PWC Environmental Team on behalf of Water Services</p>

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Appendix A – Location Map



PowerWater



Appendix B – Location Photographs



Image 1: Part of spill affected area at SPS736



Image 2: The manifold with the leaking gasket, spraying sewage.