

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

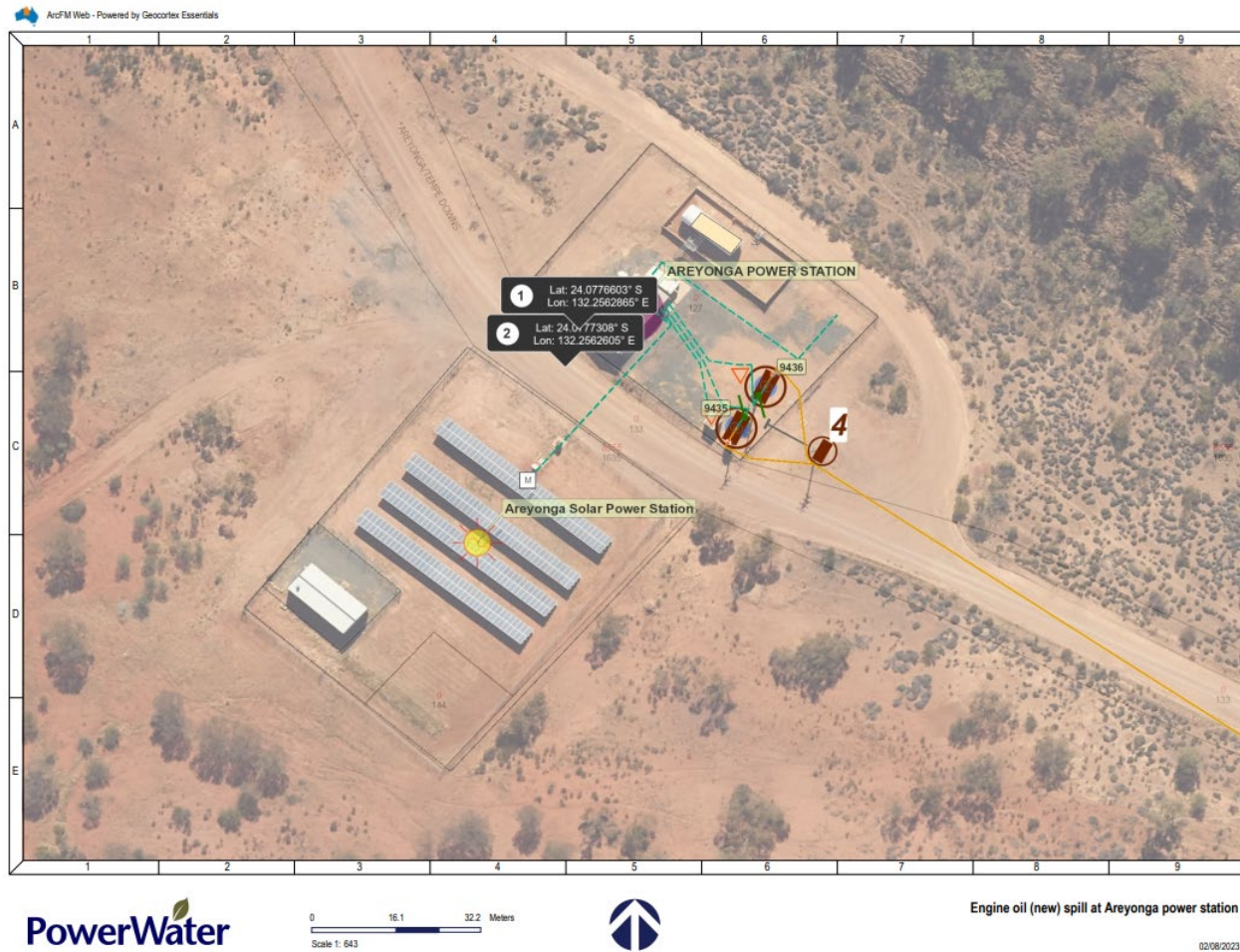
Date and Time of Notification:	Thursday 03 August 2023, 9:30 am
Person / Company:	Power and Water Corporation (PWC)
Incident:	Oil spill from Areyonga Power-station.

(a) the incident causing or threatening to cause pollution	<p><i>i. Description of the waste that was discharged.</i></p> <p>New engine oil.</p> <p><i>ii. Volume of the waste that was discharged.</i></p> <p>The volume of oil spilt is estimated to be a maximum of 150 litres. The spill originated from a 205 litre oil drum, of which 52 L was used within the engines, meaning the remainder is expected to have spilt to the surrounding soils.</p>
(b) the place where the incident occurred	<p>Areyonga Power-station</p> <p><i>i. Description of the PWC asset from which the discharge occurred.</i></p> <p>Split copper elbow which transfers new engine oil from the oil store container to the power-station.</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 1 (start): 24.0776603S, 132.2562865E Discharge point 2 (end): 24.077308S, 132.2562605E</p> <p><i>iii Indicate any locations nearby to the spill point for potential sensitive receptors.</i></p> <p>The spill occurred within an industrial power-station compound and also entered the nearby constructed dirt roadside. The spill site is not near any sensitive receptors and contamination is anticipated to be within the surface soils.</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 time of discharge is unknown. The discharge was first observed and reported by a Utilities Support Contract Worker (USC) to the Power and Water Technical Mechanical Coordinator at approximately 11am on Wednesday 02/08/2023. The spill was immediately isolated to prevent any further loss of oil. Exact timing and further details of the spill are</p>

	<p>under investigation.</p> <p><i>ii. How PWC were notified, or became aware of the discharge.</i></p> <p>As above, and furthermore, at approximately 11:30am the Technical Mechanical Coordinator informed the Power and Water Environmental Services Team of the engine oil incident.</p> <p><i>iii. The process by which the discharge occurred.</i></p> <p>The engine oil copper supply pipe from the oil store container has split near the entry of this pipe into the power-station (see photo 1). The engine oil discharged onto the soil within the power-station compound, exited the nearby fence and entered the adjoining roadside. (see photo 2 & 3).</p> <p><i>iv. The reason why the discharge occurred.</i></p> <p>Infrastructure failure – ruptured copper pipe.</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. Attempts made to prevent, reduce or control the discharge</i></p> <p>Upon arrival of the USC Worker the copper supply pipe was immediately isolated to prevent any further spill. The copper pipe is being upgraded with a stronger stainless steel version to prevent any further incidents.</p> <p>Contractors have been engaged to undertake excavation of contaminated materials. Before commencement of works the Power and Water Property Team are confirming any land tenure requirements and sacred site details before commencing excavations on ground.</p> <p>Once approvals are received the material will be excavated until no visible contamination or odour is present. Site will be backfilled with locally sourced clean fill.</p> <p>Contaminated material will be stored within sealed bulka bags, and transported for disposal via licenced contractors.</p>
(f) the identity of the person notifying the NT EPA	PWC Environmental Team on behalf of Power Services.

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Appendix A – Location map for oil spill



Appendix B – Photographs



Photo 1. Split in 25mm copper pipe



Photo 2. Engine oil spill onto Power-station ground



Photo 3. Engine oil spill exiting to nearby roadside