Northern Territory Environment Protection Authority

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

Date and Time of Notification:	Friday 16th May 2025, 11:15hrs
Person / Company:	Power and Water Corporation
Incident:	Diesel spill at Snake Bay barge landing Milikapiti – Melville Island

(a) the incident causing or threatening to cause pollution	*i. Description of the waste that was discharged.* Diesel fuel *ii. Volume of the waste that was discharged.* The volume of fuel that has leaked from the fuel transfer pipeline is estimated to be less than 1,000 litres.
(b) the place where the incident occurred	*i. Description of the Power and Water asset from which the discharge occurred.* A pipeline associated with the fuel delivery at the Milikapiti barge landing, just past the fuel delivery dry coupling. *ii. GPS coordinates of the discharge point from the Power and Water asset, and the final coordinates of the final discharge point.* Discharge Point: 11.4137136 S, 130.6678966 E Final Discharge Point: immediately surrounding source of leak. *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.* The only contact with the spill that would have been possible was with the surface staining, of the small patch where the diesel seeped to the surface.
(c) the date and time of the incident	*i. The time and date of commencement and cessation of the discharge.* The exact time that the leak started is unknown, it was first observed on the morning of Friday the 16 May, by the Utility Service Contract Worker (USCW). As a pump was flown to the island and the pipe was evacuated of all remaining diesel, the leak stopped on the 16th May. Repair works were completed on the 27th May, after required equipment was barged to the island.

	ii. How Power and Water were notified, or became aware of the discharge. The Power and Water Technical Coordinator (Generation) was advised of the spill by the (USCW) on the morning of 16th May 2025. *iii. The process by which the discharge occurred.* When the repair works were undertaken for a similar event back in February 2023, the affected section of pipeline was replaced with stainless steel. Unfortunately, during a very high tide the sea water rises enough to make contact with the pipeline, allowing electrical conductivity to occur at the join where the stainless steel was joined to carbon steel causing galvanic corrosion or bimetallic corrosion to occur. This eventually led to a weak point in the join from which the diesel leaked under pressure. *iv. The reason why the discharge occurred.* Not a long enough section of stainless-steel pipe was sourced for the repair works in 2013.
(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	*i. Attempts made to prevent, reduce, control, rectify or clean up the pollution.* The USCW had placed spill response material at the site of the staining. Also, a pump was flown to the Island that was used to evacuate any remaining diesel fuel in the pipeline, this prevented potentially another 400 litres from leaking to ground. *ii. Decontamination of the site as appropriate.* All contaminated soil was excavated, loaded into bulka bags and an intermediate bulk container (IBC), and will be removed from the Island by a suitably licensed barge service provider and disposed of by a suitably licenced waste service provider.
(f) the identity of the person notifying the NT EPA	Power and Water's Environmental Services team on behalf of Power Services

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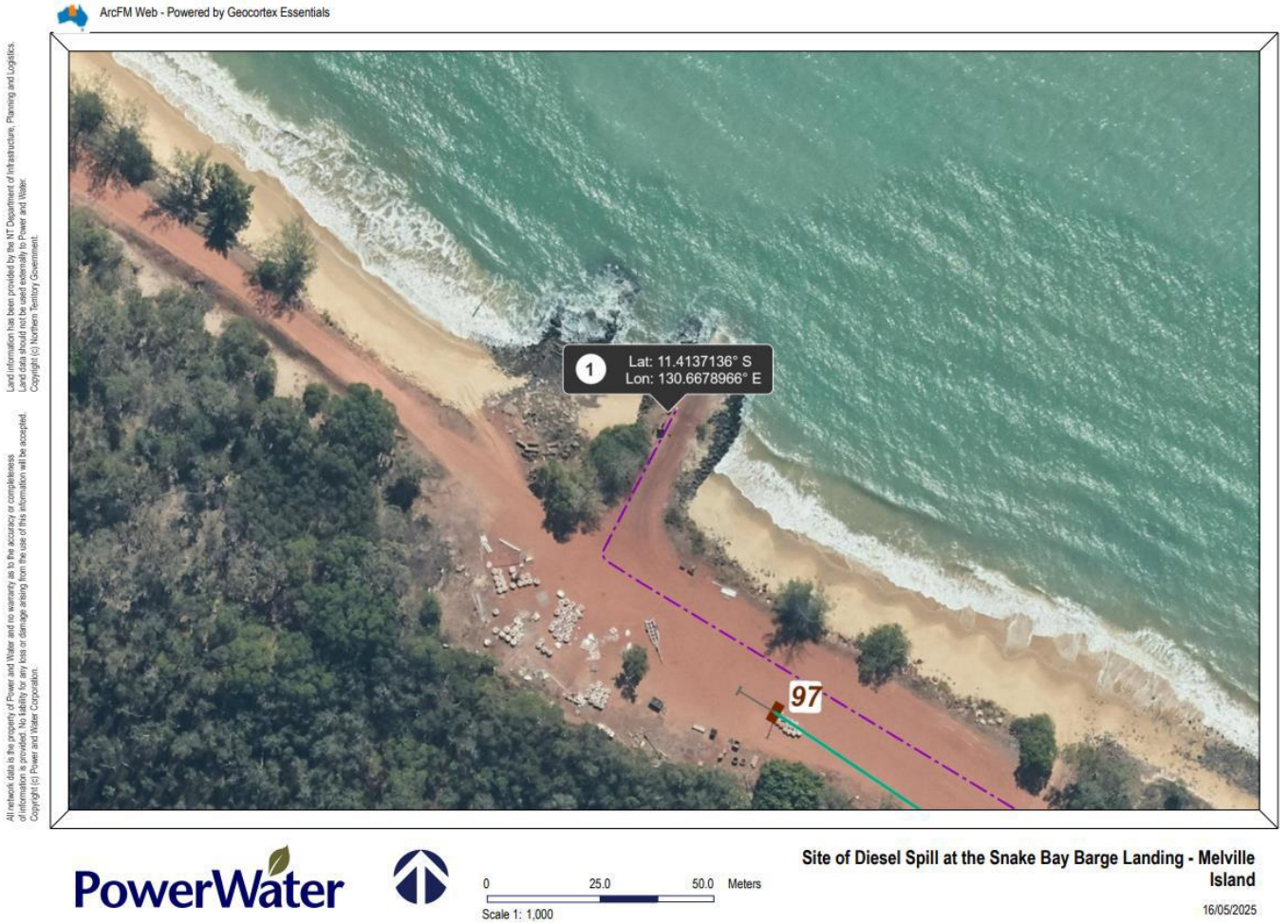
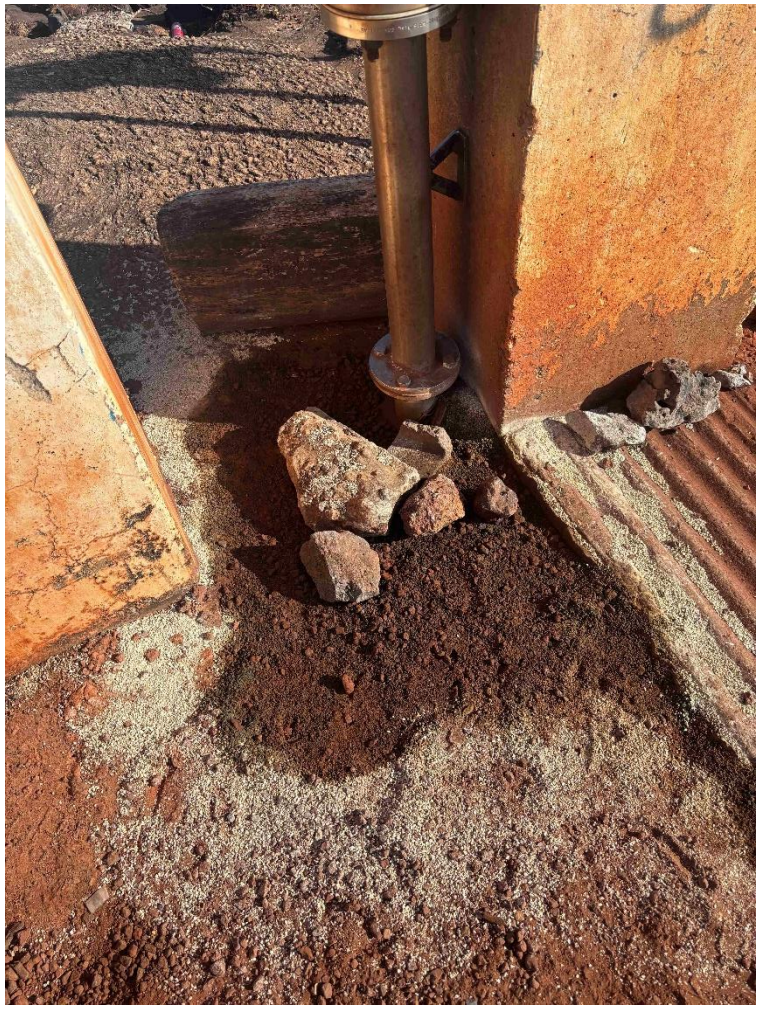
Appendix A – Spill Source Location Map



Appendix B – Photographs of the Milikapiti (Snake Bay) barge landing

Figures 1 & 2. Milikapiti (Snake Bay) barge landing diesel fuel fill point, where the spill has come to the surface



Figures 3 & 4., Where the spill has come to the surface and the excavation to expose the pipe.