

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

Date and Time of Notification:	9 October 2020 at approx. 13:01pm
Person / Company:	Power and Water Corporation (PWC)
Incident:	Umbakumba power station – oil water separator discharge (hydrocarbon) to environment.

(a) the incident causing or threatening to cause pollution	Discharge of contaminated water (hydrocarbons) from the oil water separator. Its believed after a rain event the ESO drained the fuel tank bund of rain water into the Oil Water Separator, however the drain outlet was restricted, resulting in the OWS overflowing from the lids resulting in a discharge of hydrocarbons to the surrounding ground.
(b) the place where the incident occurred	Umbakumba power station – oil water separator. It should be noted that the oil water separator is no longer onsite. It was decommissioned and removed from the lot in 2019 during installation of new fuel tanks and bunding. Discharge point: 13.862065 S, 136.811954 E Approx. Sample point: 13.862011 S, 136.811943 E
(c) the date and time of the incident	An exact date and time of the incident occurring is not available. It is believed that the discharge occurred during October 2015, as per dated photos recovered by PWC staff. The earliest photo was dated 16 October 2015. A report was not made at the time of the incident due to a lapse in communication.

(d) how the pollution has occurred, is occurring or may occur	It is believed after a rain event the ESO drained the fuel tank bund of rain water into the Oil Water Separator, however the drain outlet was restricted, resulting in the OWS overflowing from the lids resulting in a discharge of hydrocarbons to the surrounding ground.
(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	It is believed that the contaminated surface soil was removed and remediated. However recent soil samples (Sept 2020) taken at the site indicate some contamination is present. PWC is currently having a detailed site investigation report developed for the Power Station site which will include an assessment of this contamination.
(f) the identity of the person notifying the NT EPA	PWC Environmental Team on behalf of Power Services

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Umbakumba Power Station – Oil Water Separator Discharge

1. Historical Oil Water Separator site
2. Approx. recent sample location (2020)

