

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

Date and Time of Notification:	Tuesday 19 th of November IR received 7.47 am
Person / Company:	Gary O'Hearn Paspaley Pearls Properties PTY LTD
Incident:	Diesel fuel spill

(a) the incident causing or threatening to cause pollution	<p>A worker was filling a generator fuel tank with diesel. He went away from the work station and forgot about the refuelling in progress. This caused the generator tank to overflow once full and diesel fuel to drop on the ground. It is estimated that the volume of diesel likely to have been spilt is approximately 8,321 litres.</p>
(b) the place where the incident occurred	<p>Melaleuca Station is comprised of Northern Territory Portions 4458 and 2708. Attached is a map of Northern Territory Portion 2708, which depicts:</p> <ul style="list-style-type: none"> • the location of the incident; and • the bund into which soil impacted with diesel will be remediated (remediation site).
(c) the date and time of the incident	Sunday 17 th November in the morning.
(d) how the pollution has occurred, is occurring or may occur	<p>Diesel fuel spilt on to the ground around the generator fuel and tank and workshop</p> <p>(a) estimated volume of contaminated soil removed</p> <p>Our provisional estimate is that 60 tonnes of soil, including impacted soil, has been placed into the remediation site.</p> <p>(b) the manner of storage (lined area, covered, containerised);</p>

<p>(d) cont.</p>	<p>Paspaley Pearls Properties Pty Ltd (PPP), the owner of Melaleuca Station, has engaged Agon Environmental to provide it with advice about this incident.</p> <p>The method of storing and remediating soil impacted with diesel has been determined in conjunction with advice from an Environmental Scientist employed by Agon.</p> <p>PPP has established a bund area (the remediation site), double-lined with high-density plastic. Impacted soil will be placed into this area and then covered with high-density plastic to protect the soil from rain.</p> <p>Impacted soil in the bund will be remediated through a process called bioaugmentation whereby microorganisms are introduced into the impacted soils through organic matter (e.g. manure, grass clippings, vegetation) to foster growth while breaking down the contaminants in the soil. The soil will be turned regularly to expose it to sunlight and to aerate it, which will help natural attenuation. After a few months, the soil will be tested to determine whether diesel is still present in the soil. When diesel is no longer present in the soil, the soil will be used at Melaleuca Station.</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>Contaminated soil in the area was removed and stored onsite. McMahons Services was contacted to assist with appropriate clean up of the site.</p> <p>(a) the McMahons clean-up response</p> <p>In the event, McMahons referred us to Agon Environmental. Agon Environmental's advice is outlined in section D of this report.</p> <p>(b) timeframe to remediate/remove the soil</p> <p>All impacted soils were removed from the area and placed into the remediation site by 28 November 2019.</p> <p>It will take some months for impacted soils to be remediated through the bioaugmentation process outlined in paragraph 3(b) of this response. Testing by Agon Environmental of the impacted soils will be used to determine when the soils are free from diesel. At this time, we cannot provide an exact timeframe for completion of the remediation of the soil.</p>
<p>(f) the identity of the person notifying the NT EPA</p>	<p>Gary O'Hearn PPG WHS Manager</p>

Map of Northern Territory Portion 2708, which depicts:

- the location of the incident; and
- the bund into which soil impacted with diesel will be remediated (**remediation site**)

