


Notice of non-compliance with EPL188-03 – Leachate Breakout Stage 3 and Stage 4 Incident 20/1/2022.

This notification of non-compliance is made to the NT EPA under condition 26, 27 & 29 of the City of Darwin’s Environment Protection Licence (EPL 188-03). The below table provides information to meet the information requirements of condition 29 of EPL 188-03.

Licence condition	Response from City of Darwin
<p>27 Pollution Hotline Contact Time and Date</p>	<p>The incident was reported to the NTEPA pollution hotline at 1:45pm on the 20th of January 2022. NT Hotline reference number 188115017</p>
<p>29.1 when the non-compliance was detected and by whom.</p>	<p>On Thursday the 20th of January 2022 at 12:40pm Sandrine Ricardo (CoD employee) called Shane Coleman (CoD Waste Manager) to notify that the NT EPA Officers had stopped at the Shoal Bay Weighbridge and notified her that they had found some leachate breakout areas. Stage 4 and Stage 3 were only mentioned by Sandrine.</p>
<p>29.2 the date and time of the non-compliance.</p>	<p>12:30 pm, Thursday the 20th of January 2022.</p>
<p>29.3 the actual and potential causes and contributing factors to the non-compliance.</p>	<p>Recent wet weather has caused the surface to reach saturation point across the landfill batters creating leachate bleed points. The area not having a final cap is also a significant contributing factor for the breakouts.</p> 
<p>29.4 the risk of environmental harm arising from the non-compliance.</p>	<p>There will be possible surface water exceedances from stage 3 based on discharge at stage 3 drain.</p> <p>Stage 4 visual inspection of water catchment area does not indicate any obvious contamination. Water samples that have been taken will give a true indication of any exceedances.</p>

29.5 the action(s) that have or will be undertaken to mitigate any environmental harm arising from the non-compliance.



The drain on the south eastern side of stage 3 has been bunded to minimise any impact to storm water or drainage infrastructure.

The breakout area will be surface capped as soon as the conditions allow Veolia to safely mobilise a machine in the area.

Stage 4, an absorbent silt boom has been installed along the western edge of the road to minimise contamination entering the western storm water drain. The smaller absorbent booms are being replaced with larger absorbent booms as they have reached their capacity.

City of Darwin engaged a WSP engineer from Brisbane to be on site Monday the 24th of January to inspect and advise on possible repairs and preventive measures.

From the site inspection, it was concluded the options to conduct conventional repairs to the breakouts were not possible and high risk of creating larger breakouts due to the conditions. Veolia will mobilise and start spot surface capping when the conditions are safe to do so. In the interim the absorbent booms and water monitoring will continue.

<p>29.6 corrective actions that have or will be undertaken to ensure the non-compliance does not reoccur.</p>	<p>The stormwater drain on stage 3 has been isolated to restrict and minimise any environmental impact. The contained leachate is being managed using a vac truck to pump the leachate from the control area back into the leachate holding ponds. A repair to the site will be done as soon as conditions permit.</p>  <p>Stage 3 stormwater drain bund.</p>  <p>Stage 4, absorbent silt booms have been installed. No machine access possible currently due to the wet conditions.</p>
<p>29.7 if no action was taken, why no action was taken.</p>	<p>N/A</p>
<p>28 a date when an incident investigation report will be submitted to the NT EPA.</p>	<p>3rd February 2022</p>