

Notice

**ENVIRONMENT PROTECTION ACT 1970
SECTION 22(1)
NOTICE TO SUPPLY FURTHER INFORMATION**

**TO: WYNDHAM CITY COUNCIL
(ABN: 38393903860)**

OF: 45 PRINCES HIGHWAY, WERRIBEE, VICTORIA, 3030.

WHEREAS an application by you for a works approval in respect of premises situated at 470 Wests Road, Werribee, Victoria was received by the Environment Protection Authority ("the Authority") on 30 November 2016.

AND WHEREAS we consider the information specified herein is necessary and relevant to the consideration of the application

NOW TAKE NOTICE that pursuant to section 22(1)(a) of the Environment Protection Act ("the Act") Wyndham City Council is **HEREBY REQUIRED** to supply to the Authority by 4.00pm on the 26th day of January 2017 the information specified in Attachment A of this notice.

DATED: 19 January 2017



.....
QUENTIN COOKE
DELEGATE OF THE
ENVIRONMENT PROTECTION AUTHORITY

Notice

ATTACHMENT "A"

Re: Works approval application SO 1002260 from the Wyndham City Council to extend their landfill at 470 Wests Road Werribee.

Please submit the following information which needs to be prepared by suitably qualified professionals.

1. **Provide information on groundwater quality that represents the area (not just the premises).**
 - This information is required to assess compliance with Clause 15(3)(3) of the Waste Management Policy (Siting, Design and Management of Landfills) (WMP).
 - It appears that the applicant relies on only one bore (located at the premises) to determine the groundwater quality (i.e. segment) by quoting a text from an audit report.
 - Provide full details of the audit report and if possible submit a copy of that report.
 - Submit a detail assessment of groundwater quality that represents the area and this should include background groundwater quality (i.e. data from background bore or bores in the surrounding area, if possible).

2. **Provide long-term undisturbed groundwater level for the site**
 - Long term undisturbed groundwater level is required to assess compliance with Clause 16(2) of the WMP.
 - The water levels provided in the application are not considered to be long term undisturbed long term groundwater as site groundwater levels likely to have been affected by quarry extractions and resulting groundwater seepage and historical groundwater extractions.

3. **Provide additional design measures**
 - For any cells that do not meet the required 2m separation, additional design measures are required to assess compliance with Clause 16(2)(a) of the WMP (and also Clause 13(a) of the WMP depending on the segment of groundwater)
 - Some preliminary information on design measures has been provided. Further clarification is required.
 - Identify the area (i.e. cells) that will be subject to additional design measures)

4. **Provide additional management measures**
 - This information is required to assess compliance with Clause 16(2)(a) of the WMP (and also Clause 13(a) of the WMP depending on the segment of groundwater)
 - Identify the area (i.e. cells) that will be subject to additional management measures due to not meeting 2m separation between waste and long term undisturbed groundwater level.

5. **Provide a detail assessment of leachate management**
 - Leachate management is a key element of landfill operation the current information provided is inadequate and further information is required.
 - The application has included a Leachate Management Plan (Appendix F). However this Plan is for the existing operation. The application document (section 4.7.6) states that "*Tonkin Consulting was engaged by Wyndham City Council to prepare a leachate model (for existing cells only).....*"
 - The desk top assessment included in the application has considered cells 4A, 4B, 4C 5A, 6A, 6B and 6C closed, cell 5C with an interim cap and only active cell 5B. This assessment should take care of the proposed operational sequence considering the cells that are operational, partially capped and fully capped to obtain a worst case scenario to show that this scenario would provide a greatest amount of leachate. .

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- A full assessment of leachate generation from the proposed landfill (from the entire landfill) needs to be provided. This should also include how the leachate will be collected and managed both short and long term with a contingency plan for unforeseen circumstances considering the proposed operational sequence.

6. Stormwater Management

- Submit a stormwater management plan showing how stormwater flows will be managed and how contaminated stormwater will be contained onsite to ensure that no contaminated stormwater release from the site.

7. Figures

Figures should be updated to show additional design and management measures, Leachate pond locations etc.

