

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 19th day of April 2017 the information specified in Attachment A of this notice.

DATED: 12th April 2017



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QUENTIN COOKE
DELEGATE OF THE
ENVIRONMENT PROTECTION AUTHORITY

Notice

ATTACHMENT "A"

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

Attachment A, Part A: Information needs arising from the 20B conference report recommendations

On 14th of March 2017 EPA conducted a conference under section 20B of the Act. All submitters on your application were invited to attend and were given the opportunity to ask questions and clarify their concerns with the application. A report, with recommendations, has been prepared by the conference chair and is enclosed as Attachment B. Arising from the recommendations are a number of questions.

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

1. Facility Height

- The proposed height of 44m is clearly an issue with many in the community, has Wyndham City Council considered a lower height, including filling only to ground level?
- Please prepare a risk assessment for the site for the proposed height and comment on how the height affects the associated risks. The risk assessment needs to address the following issues: Dust, odour, noise, litter, visual amenity, batter stability, landfill gas generation and collection, leachate collection and generation and stormwater management to justify that the proposed height of 44 m AHD does not lead to adverse environmental outcomes.

2. Site landscaping and rehabilitation

What aspects of the landscaping and rehabilitation plans can be fast tracked or started immediately?

3. Odour and Noise

- What are the options for residents and the community for raising issues with noise and odour?
- Is Wyndham City Council able to propose additional options to facilitate the registration and follow up of odour and noise complaints?
- Are there additional mitigating management actions that would be effective, which can be employed?

4. Communication and Engagement with the Community

- Please outline your plans for community engagement and communication for the facility.
- Outline how these plans will be resourced including ensuring that the Community reference Group is adequately resourced to enable it to carry out its role efficiently.

5. The facility operation and risk management

- The issue of the historic creek diversion at the site and how this might affect the risk of inundation of the site was raised. Have Council considered this risk and how is it addressed in the hydrological assessment?

6. Compliance standards, Monitoring and Track record of the applicant

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- The recommendation is that WCC need to provide a clear outline of the system of auditing, monitoring and reporting at the site. Please provide such an outline.

7. Current and future waste management strategies for the area.

A number of recommendations are made for WCC to address, these are:

- a) WCC need to develop information for the community on waste minimisation strategies and resource recovery options currently available in the area. – Please outline how WCC will address this recommendation.
- b) WCC need to clarify what waste to energy options have been considered by council to date, Councils assessment of the viability of these options at the site, and Councils plans and timelines for transitioning the site to the use of alternative waste technology. – Please outline how WCC will address this recommendation.
- c) WCC need to consider the potential for a shorter approval time frame (7 – 10 years) to provide certainty for planning but to also ensure future waste technologies are considered for the site, and adequate community consultation is undertaken. – Justify why a duration of 30+ years has been proposed rather than the 7-10.

8. Planning and Buffer Zones

A number of recommendations are made for WCC to address, these are:

WCC need to develop some "plain English" information about the facility including associated planning issues (such as the buffer zone areas surrounding the site in relation to current and future land developments in the area), as well as the longer term vision and plans for the site (including a clear timeline for landscaping works). – Please outline WCC's approach to addressing this recommendation.

WCC need to clarify adequate buffer zones for gas, odour, and noise issues and how those distances are determined on this site. – Please outline WCC's approach to addressing this recommendation.

Attachment A, Part B: Amendment of application to remove the piggy back cells

WCC have indicated that they want remove the piggy back cells from the application. This change in scope requires some amendments to the application. Please provide as a minimum the following and any other amendments WCC consider are appropriate:

- A revised cell layout Plan clearly showing the cells with cell boundaries. Also show in a different map the cells removed from the site plan and the cells remaining.
- Revised drawings showing cross sections of the site with new cells showing; An updated contour plan (pre-settlement top of waste and pre-settlement top of cap contours);
- A revised leachate management plan;
- A revised stormwater management plan;
- A revised cell filling and proposed progress rehabilitation plan;
- A comment on the proposed operational period with anticipated waste volumes;
- An assessment of the slope stability of the revised landfill profile;

Attachment A, Part C: Other outstanding information

1. Financial Assurance

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Please provide a financial assurance calculation based on guidance given in an email sent 10 January 2017 and EPA's guideline document (publication 1596).

2. Clarification of the air assessment

- a) Please confirm the model used to develop the medium risk zone, was it AERMOD? Or was another model used?
- b) Please clarify what meteorological data set has been used for the air modelling. To ensure that the modelling is representative a five year data set needs to be used, if the data set used is not representative then the modelling will need to be re-done with an updated meteorological data set.
- c) There were some odour measurements carried out and specified in Appendix C, there's no discussion about how they have been converted to odour emissions rates for the modelling, please explain how the odour emissions rates were derived.
- d) The zones in the Wyndham city council buffer study looks consistent with the methodology in the assessment report and makes sense considering that a greater medium risk zone than in the buffer study is being proposed. That report included low, medium and high risk zones. Please add the low and high risk zones to the assessment report.
- e) The report defines the medium risk zone as area's where:
 - An odour between 1 – 3 occurring more than 26 times a year
 - An odour between 3 – 6 occurring between 13 to 25 times a year
 - An odour between 6 – 10 occurring between 4 to 12 times a year
 - An odour greater than 10 occurring less than 6 times a year

The report needs to identify which of these categories each of the receptors in the medium risk zone falls into, please prepare a table of odour and frequency to do this.

3. Response to issues raised in submissions received on the application

Please provide responses to issues raised in the submissions on the application received by EPA. Copies of all submissions received have been provided to WCC.

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ATTACHMENT "B"

See attached PDF file "EPA Community Conference report - WCC final.pdf"