

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

TO: PENNY CRESWELL

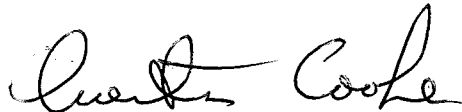
**OF: LANDFILL OPERATIONS PTY LTD
C/O CLEANAWAY WASTE MANAGEMENT LTD
LEVEL 4, 441 ST KILDA ROAD
MELBOURNE
VICTORIA 3004**

WHEREAS an application by you for a works approval in respect of premises situated at 408-506 Hopkins Road, Truganina and 1154-1198 Christies Road, Ravenhall, Victoria was received by the Environment Protection Authority ("the Authority") on 13 MAY 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") you are **HEREBY REQUIRED** to supply to the Authority by 4.00pm on the 20 day of September 2016 the information specified in Attachment A of this notice.

DATED: 7 September 2016



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QUENTIN COOKE
DELEGATE OF THE
ENVIRONMENT PROTECTION AUTHORITY

ATTACHMENT A

Landfill Operations Pty Ltd should respond in detail to all submissions received by PPV and provide EPA with a schedule of responses to the submissions.

Additionally and in particular, the further requests are made as detailed below.

Understanding the Baseline Environment

The following requests are made:

1. Further baseline information as set out below to confirm the long term depth of the undisturbed groundwater beneath the proposed landfill extension cells:
 - provide information to demonstrate that the groundwater contours shown in Figure 5-5 are undisturbed groundwater levels;
 - provide a map for the area showing long term undisturbed groundwater level contours (in m, AHD); and
 - provide the anticipated base level of the leachate sumps (in m, AHD) for all the cells (Cells 1 to 16).
2. Clarification of how the Boral quarrying activities and the proposed landfill activities will be co-ordinated to ensure the proposed sequence in Table 4 and Figure 21 -24 of the Information to Support Works Approval Application document is followed? Details of any plans and contingencies in the event that quarrying does not occur as per the proposed sequence should be provided.
3. Provision of the most recent six monthly groundwater monitoring data and associated interpretative reports .
4. Provide additional groundwater analytical data and interpretation to demonstrate that levels of contaminants in groundwater are background levels in accordance with SEPP (Groundwaters of Victoria), including off-site upgradient.
5. Provide information regarding the depth of Skeleton Creek and distance from the site, to confirm the potential for groundwater interaction with surface waters.

Design Information

The following requests are made:

1. Geotechnical stability of side wall and the side wall liner of the landfill. The supplementary information document (s.13.7) states that "*The geotechnical stability of the subgrade and liner will be assessed during detailed design*". Details are requested of the measures that will be installed to ensure that the geotechnical stability of side walls and the side wall liner will be maintained.
2. Identification and consideration in a cost benefit analysis, including an assessment of additional environmental benefits, of further design and operational measures to reduce potential off-site landfill gas migration.

Defining the potential impacts to the Receiving Environment

The following requests are made:

1. Additional design and management measures. If the information provided in response to (1) Understanding the Baseline Environment above indicates that a 2m separation between waste and the long term undisturbed depth to groundwater is not achieved (for any area within the landfill), please provide additional design and management practices that would be adopted to show compliance of clause 16(2) of the WMP. Note that those measures must be acceptable to the Authority.
2. Specific details of the controls and what actions will be taken to control mosquitos, flies, vermin and birds visiting the site. Whilst statements are given that for example mosquitos will be monitored, no information is then given on what actions would be taken to reduce any issues detected. As a minimum the principles of a Vermin Management Plan should be provided.
3. Cross sections of the rehabilitation plan showing final topographical profile of the site after settling and an indicative staging plan for site rehabilitation with approximate timeframes.
4. Details of any future community liaison group to be initiated to ensure there is a community engagement mechanism to facilitate any future two-way dialogue between Landfill Operations and the local community.