

Our Ref: 1003805

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



TO: STEVE MUIR

OF: SOUTH EAST WATER CORPORATION

**405 EVANS ROAD
LYNDHURST VIC 3975**

WHEREAS an application by you for standard works approval in respect of premises situated at 405 EVANS ROAD LYNDHURST VIC 3975, was received by the Environment Protection Authority ("the Authority") on 29 April 2020.

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 5.00pm on the 13 August 2020 the information specified in Attachment A of this notice.

DATED: 12 August 2020

A handwritten signature in black ink that reads 'Andrew Halliday'.

Andrew Halliday
DELEGATE OF THE
ENVIRONMENT PROTECTION AUTHORITY

ATTACHMENT A

South East Water Corporation should:

1. Provide evidence that the proposed treatment process can meet Class A water quality standards by:
 - a. Demonstrating the log reduction value for each step of the water treatment plant.
2. Regarding Water treatment plant validation and monitoring:
 - a. Demonstrate the methods to be used to validate the performance of the proposed water treatment plant.
 - b. Demonstrated the methods to be used to monitor the performance of the proposed water treatment plant.
3. Provide a risk assessment of the risks associated specifically with the proposed water treatment plant. The assessment should include but not be limited to:
 - a. Demonstrate controls in place to prevent cross connection of pipes
 - b. Controls to prevent accidental consumption
 - c. Potential generation of Bioaerosols
 - d. Pathogen controls include in the proposal
 - e. Undertaken by a competent microbial risk assessor
 - f. Demonstrate any assumptions made in the assessment
 - g. Provide supporting evidence for the above
4. Water cycling can lead to increased salinity. Demonstrate how salinity levels in Class A water will be managed
5. High biosolid viscosities may be associated with the proposed treatment plant and result in higher chance of sewer blockage. Demonstrate the blockage mitigation strategies considered for the proposal.
6. Odour modelling suggests that the proposed odour control technologies will achieve satisfactory odour levels with reference to PEA guidance. In relation to this:
 - a. Demonstrate how proposed odour removal technologies will reduce odour levels.
 - b. Demonstrate the odour removal performance of each proposed control technology.
7. The modelled night noise emission to the south of the proposal suggests noise levels at nearest sensitive receptor will be on the night time guidance limit.
 - a. Demonstrate why the proposed level of noise control measures has been selected given the result of the noise modelling.
 - b. Demonstrate how 6mm thick Perspex was selected as the material to construct the Glasshouse.
8. If noise verification tests results show non-compliance, demonstrate the design scope allowed in the proposal for additional noise controls to be integrated into the plant to meet guidance levels.