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Enquiries: Patrick Robinson

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Date: 13 June 2025



Infrastructure Services

Ms Emma Muller  
Per e-mail: [emma@kaackai.com](mailto:emma@kaackai.com)

Dear Ms Muller

**APPLICATION FOR THE TREATMENT OF SEWAGE ON ERF 723 PORTION 1, COOT CLUB  
WORTEL GAT, STANFORD**

Your letter Kaackai S-Series Wastewater Treatment System at Coot Club dated 29 May 2025 refers.

We had a look at your request for evaluating the Coot Club system under the <50 m3/day irrigation standards and it was decided to alter the previous specified parameters and limits to the following:

Parameter	Irrigation Limits
pH (at 25°C)	≥6 - ≤9
Conductivity (mS/m) (at 25°C)	≤200
Faecal Coliforms (count per 100ml)	≤1000
Chemical Oxygen Demand (mg/l)	≤400

The Kaackai S-Series Wastewater Treatment System has performed well over the last view months and complied with the updated parameters and limits. The Overstrand Municipality hereby grants approval for the treatment of sewage on erf 723 portion 1, Wortel Gat, Stanford. The following conditions must be complied with:

- 1) All the relevant conditions as set in the Overstrand Municipality Water Supply and Sanitation Bylaw are to be adhered to.
- 2) Quarterly samples of the treated effluent must be tested by a SANAS accredited laboratory, and the results are to be submitted to the Overstrand Municipality.
- 3) An Operational and Maintenance contract must be in place during the life span of the treatment system between the owner of the property and the suppliers of the treatment system.
- 4) Once the treatment system is installed, it becomes the property owner's responsibility to ensure it is operated, maintained, cleaned, and that the components are replaced at frequencies in accordance with the manufacturer's instructions.
- 5) When ownership of the property is transferred, the new owner of the property will become responsible for the treatment system on transfer. A signed agreement between the seller and purchaser to this effect must be provided to the municipality, as well as a signed contract between the new owner and the supplier of the treatment system for continued operation and maintenance of the treatment system. If the new owner is not willing to

accept these conditions, the treatment system will have to be converted to a conservancy tank system at the cost of the current owner of the property before transfer.

- 6) If the treatment system and treated effluent has a detrimental effect in any way on any human, animal, soil, or the environment, then the treatment of sewage must be stopped immediately and remedial action be taken to rectify the situation to the satisfaction of the Overstrand Municipality or any other relevant authority, and the Kaackai treatment system must be converted to a conservancy tank system at the cost of the owner.
- 7) The owner will erect a clearly visible warning sign on the premises if the treated effluent is going to be reused indicating that the irrigation water is not suitable for domestic purposes.
- 8) The treated effluent system must never be connected to any drinking water system.
- 9) Municipal officials must have unrestricted access to the premises for inspection purposes at any time.
- 10) The municipality has the right to update and change the parameters and limits when necessary.

Kindly contact us if there are any queries.

Yours sincerely



**Patrick Robinson**  
**Senior Engineer: Water Infrastructure & Quality**