

Health Protection Division
Environmental Health Program
2nd Floor, Casuarina Plaza
258 Trower Road, Casuarina
Postal Address: PO Box 40596, CASUARINA NT 0811
Tel: (08) 8922 7152
Fax: (08) 8922 7334
eMail: envirohealth@nt.gov.au
Our Ref: **DF2013/5037**
DD2013/6898

Neatport Pty Ltd t/a Suncoast Waste Water Management
59 Industrial Avenue
KUNDA PARK QLD 4556
ATTENTION: MR MICK BEINKE

Dear Mr Beinke

**RE: PRODUCT APPROVAL FOR OZZI KLEEN
SEWAGE EJECTION PUMP STATIONS**

Reference is made to your application for seeking product approval for the above system.

I advise that, pursuant to Public Health (General Sanitation, Mosquito Prevention, Rat Exclusion and Prevention) Regulation 26, a product approval is granted to market and sell the **Ozzi Kleen Pump Station Models SPS 220, SPS 300, SPS 350, SPS 500, SPS 850, SPS 1000, SPS 1500, SPS 4000** ("the system") in the Northern Territory.

This product approval supersedes product approval 05/10 issued to Neatport Pty Ltd t/a Suncoast Waste Water Management on 15 September 2010, as it now includes Model SPS 220.

The product approval number is 12/13.

General Description

The system comprises the following 8 sizes of sewage ejection pump stations, which provide holding capacity, grinding of sewage and pressure transport of a fine slurry to an existing gravity sewer, pump station or directly to a wastewater treatment plant:

- Model SPS 220 220 litres
- Model SPS 300 300 litres
- Model SPS 350 350 litres
- Model SPS 500 650 litres
- Model SPS 850 850 litres
- Model SPS 1000 1225 litres
- Model SPS 1500 1640 litres
- Model SPS 4400 4150 litres

The system consists of:

- A cylindrical rota moulded polyethylene collection well manufactured by Suncoast Waste Water Management;

- Aluminium cover or polyethylene access cover;
- Auto or manual submersible sewage pumps, i.e. Davey D75SA (240 volt) or Davey DT08S (415 volt);
- Pump protection devices;
- Level controls (pump off, pump on and high water alarm);
- Pipework including a 100 mm sewer inlet assembly;
- Discharge PVC pipe 50 mm with non-return and isolation valves;
- Electrical control board with high level alarm/light, cabling and switchgear.

Conditions of Approval

General

- Product approval is granted until **1 October 2018** and will lapse unless renewed by the submission of an application and receipt of a product approval from the Director Environmental Health at least one month prior to the expiry date.
- The system shall be supplied, constructed and installed in accordance with the design as submitted to the Department of Health (DoH).
- The collection wells for the SPS 350, SPS 850, SPS 1000, SPS 1500 and SPS 4000 shall be manufactured in accordance with the requirements of the Standard AS/NZS 1546.1:1998 as per the SAI Global StandardsMark Licence SMKB20032.
- Any modification or variations to the design of the system shall be submitted for separate consideration by DoH.
- Lids and access openings are to be fitted so as to be childproof.
- The system shall be fitted with an alarm system to indicate an electrical or pump failure. The alarm system shall comprise audible and visible alarms with a muting facility for the audible alarm.
- The pump shall be fitted with float and/or pressure switches to ensure small volumes of sewage are pumped at regular intervals. The small diameter pressure line to the sewer shall be fitted with a backflow prevention device.
- All pumps and controls supplied with the system are to be suitable and durable for their intended purposes and operating environment within the Northern Territory.
- All metal fittings and components within the system shall be of non-corroding material and shall have a service life of at least 25 years. All mechanical and electrical parts shall have a service life of 25 years and a minimum warranty period of 2 years.
- Each system shall be permanently and legibly marked with the following information:
 - Brand name of the system;
 - Manufacturer's name or registered trademark; and
 - Month and year of manufacture.
- The system must comply with the provisions of the *Building Act and Public Health (General Sanitation, Mosquito Prevention, Rat Exclusion and Prevention) Regulations* that refers to the *Code of Practice for Small On-site Sewage and Sullage Treatment Systems*

and the *Disposal or Reuse of Sewage Effluent* (the Code), the Administrative Procedures linked to the Code and any amendments to these documents.

- DoH, by written notice, may cancel this product approval and require the repair, replacement, rectification, alteration of the system or part thereof:
 - Should the system or component thereof not be manufactured, installed and/or operated in accordance with the approval conditions; or
 - If the system is defective and not able to perform the function for which the approval is issued; or
 - If the system is operated in a manner that is prejudicial to public and environmental health or causes environmental nuisance; or
 - If the manufacturer fails to comply with one of more approval conditions; or
 - If the manufacturer within 30 days, fails to remedy a breach for which written notice has been given by DoH.

Installation, Operation and Maintenance

- The entire system must be installed by a self-certifying plumber in accordance with the *Building Act* (within Building Control Areas) and the *Public and Environmental Health Act* (outside Building Control Areas). The Department of Lands and Planning and the Environment (DLPE) - Building Advisory Services can confirm the extent of NT Building Control Areas.
- All electrical work must be carried out by a licensed electrician and in accordance with the relevant provisions of AS/NZS 3000.
- NT Local Government Authorities have no jurisdiction over the installation of onsite wastewater treatment systems.
- Officers from DoH, DoH delegated Health Authorities and DLPE reserve the right to inspect installations and also to assess installation and their performance.
- The system is not to be installed in remote communities unless there is prior approval from DoH.
- Vehicular traffic is to be excluded from the area around the system.
- The system must be safely anchored to the ground as per manufacturer's recommendation and specifications to avoid floating due to hydrostatic uplift when pumping out, which may coincide with high water table.
- In situations where the system is to be installed to serve other than single domestic premises, DoH may impose additional requirements, e.g. telemetry alarm.
- Cross connection of the system with the water supply for the premises must be prevented at all times. Backflow prevention devices are to be installed with DLPE requirements.
- The manufacturer shall supply a copy of the system Installation Manual, Owner's Manual and Operation & Maintenance Manual to the user / owner of the premises where the system is installed.
- The manufacturer must maintain records of all system installations in the NT and provide details to DoH upon request.

- The system once installed, must be maintained in a fully operational and sanitary state at all times by the user / owner in accordance with the product approval conditions, manufacturer's requirements and any other specific requirements by DoH or DLPE. Servicing must be undertaken by the manufacturer or manufacturer's agent. Records are to be kept of all maintenance of the system and made available to DoH or DLPE upon request.

Yours sincerely



Tracy Ward
A/Director Environmental Health

1 October 2013

cc Environmental Health Officers
DLPE - Building Advisory Services
DoI - Construction Agency
Power and Water Corporation