

Department of
Environmental Quality

DEC 30 2022

BOISE COUNTY
PLANNING & ZONINGSTATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY1410 North Hilton • Boise, ID 83706 • (208) 373-0502
www.deq.idaho.govBrad Little, Governor
Jess Byrne, Director

February 24, 2022

By e-mail: tavish@toilettech.comTavish Fenbert
Toilet Tech Solutions
514 N 178th Ct Unit A
Shoreline, WA 98133**Subject: Product Approval – Urine-Diverting Decompose and Waste-Away Waterless Conveyor Toilet**

Dear Mr. Fenbert:

On February 24, 2022 the Technical Guidance Committee for Individual and Subsurface Sewage Disposal (TGC) was provided with copies of the Toilet Tech Solutions (TTS) Information Package, Design Drawings, Standard Operating Procedures & Maintenance Procedures, Conveyor Installation Manual for Building Retrofits, and the Urine-Diversion Drainfield Packages Overview for the Urine-Diverting Decompose and Waste-Away Waterless Conveyor Toilet (Product). The TGC reviewed the information submitted by TTS as required by TGM Section 1.4.2.5 – All Other Product Approvals.

I am pleased to inform you that DEQ, upon recommendation from the TGC, has approved the Product for use in Idaho. The Product is to be installed in accordance with manufacturer's recommendations, with the following additional requirements:

- The Product shall not be installed in floodways.
- A drainfield shall be installed to accept only the diverted urine from the Product – No other type of solid waste, blackwater, chemicals, or grey water may be introduced into the drainfield.
- The urine drainfield will be sized at a minimum of five (5) gallons-per-day.
- The urine drainfield must meet all the installation requirements and setbacks of a standard drainfield per IDAPA 58.01.03.008.
- No water under pressure shall discharge to the urine drainfield.
- If a handwashing station is installed along with the Product, the grey water must discharge via a separate drainfield, grey water sump, or other approved wastewater disposal method.

The Product will be listed in TGM Section 5.14 – Miscellaneous Wastewater Disposal Products. The approval of this Product in no way implies endorsement or warranty by the State of Idaho. **Any modifications to an approved product must be submitted to DEQ for approval prior to its use and installation in Idaho.** If you have any questions regarding this approval please feel free to contact the DEQ On-Site Wastewater Coordinator at (208) 373-0464, or via email at peter.adams@deq.idaho.gov.

Sincerely,



Peter Adams
DEQ On-Site Wastewater Coordinator

c: Matt Plaisted, DEQ Wastewater Engineering Bureau Chief
Idaho Public Health Districts
Idaho Technical Guidance Committee Members
Scott Kerr, Toilet Tech Solutions
Geoff Hill, Toilet Tech Solutions

Enclosed: TTS Decompose Toilet Type, Wishbone Forest Building with BTW Urine Diversion Seat and DCV Vault Information Package and Design Drawings, no date, received Nov 2021 (EDMS No. 2022AFU50)
TTS Decompose Style Waterless Urine Diverting Toilet SOP & Maintenance Procedures, no date, received Nov 2021 (EDMS No. 2022AFU51)
TTS Conveyor Installation Manual for Building Retrofits, dated July 2021 (EDMS No. 2022AFU52)
TTS Urine Diversion Drainfield Packages Product Information Overview, dated 2022 (EDMS No. 2022AFU53)

EDMS Record No. 2022AFU54