

develop product approval policies that shall be included within this section of the TGM. The TGC may delegate product review and approval to DEQ for specific products.

1.4.2 Technical Guidance Committee Product Approval Policies

Unless otherwise listed within this subsection of the TGM, all submissions for product approvals shall follow the process outlined in section 1.4.

1.4.2.1 Septic Tank Approvals

All submissions for septic tank approvals shall be submitted to the DEQ on-site wastewater coordinator and reviewed by DEQ's Wastewater Program lead engineer. Approvals shall be issued by DEQ and do not need to undergo TGC review.

1.4.2.2 Extended Treatment Package System Approvals

Manufacturers seeking approval of an extended treatment package system (ETPS) technology shall submit product information to the DEQ on-site wastewater coordinator for review by DEQ. In addition to product information (i.e., engineering designs and product manuals), manufacturers seeking approval on ETPS units for reduction of total suspended solids (TSS) and carbonaceous biological oxygen demand (CBOD₅) must submit NSF/ANSI Standard 40 and 360 approvals, reports, and associated data. Manufacturers also seeking approval on the ETPS units for reduction of total nitrogen (TN) must submit NSF Standard 245 approvals, reports, and associated data. Any additional third-party standards evaluated for the ETPS unit must also be submitted including approvals, disapprovals, reports, and associated data.

DEQ will issue ETPS product approval in conjunction with associated reduction levels for TSS, CBOD₅, and TN. Reduction levels will be determined through statistical analysis of the data included in the third-party standards. Third-party reports average reduction values will not be accepted to establish system performance approvals. The third-party data will be statistically evaluated to determine a resulting value that corresponds to the 95% upper confidence limit. The resulting value that corresponds to the 95% upper confidence limit will be used as the system's initial performance limit.

ETPS units that have not undergone third-party testing and wish to be approved for reduction in TSS, CBOD₅, and TN must be permitted and installed under the guidance in Section 4.9, "Experimental System." ETPS units installed under the section 4.9 guidance in an attempt to gain approval for effluent reduction levels shall follow the minimum operation, maintenance, and effluent testing procedures outlined in section 4.10.3, and be installed in an area suitable for a standard system with no reduction in drainfield sizing or separation distance requirements. Operation, maintenance, and effluent testing requirements shall be written into the experimental system's permit.

To obtain approval for TSS, CBOD₅, or TN reduction without third-party data, or to lower reduction levels from initial approval for any constituent, the EPTS unit manufacturer or their representative must submit data from the ETPS units installed in Idaho. Data from other states will not be considered under this approval process. Any data submitted must be specific to a particular ETPS make and model. Data submission must include information on 30 installations with a minimum of 3 full years of operational data on each system. All maintenance and effluent

testing records, as described in section 4.10.3, obtained over this period must be submitted for review. For adjustment in reduction levels of effluent constituents to be approved, the data must show that 90% of the installed units have successfully maintained effluent reduction levels at or below the desired reduction approval level during the entire testing period.

Prior to product approval or any nonexperimental permits issued for system installation, manufacturers must have an operation and maintenance (O&M) entity setup for the ETPS units as described in section 4.2. The O&M entity must be capable of fulfilling the requirements of section 4.2 and 4.10 prior to product approval.

1.4.2.3 All Other Product Approvals

All other wastewater products intended for installation in a subsurface sewage disposal system shall follow the process outlined in section 1.4 of this manual. If a product has been evaluated and meets a standard developed by NSF/ANSI, the product may be reviewed and approved for use by DEQ without TGC recommendation. For products that have not undergone NSF testing and certification, the necessary materials as described in section 1.4 must be submitted to DEQ for review by the TGC for approval recommendation.