

**Indiana State Department of Health
Division of Environmental Public Health
2 North Meridian Street, 5-E
Indianapolis, IN 46204**

Information Necessary for Review of Technology New to Indiana

- A. The department may approve the installation or construction of technology new to Indiana (TNI) to permit development of new or more efficient sewage treatment or soil absorption processes in accordance with the provisions of *410 IAC 6-8.1-31(g)* and *410 IAC 6-10-8*.
- B. The owner or agent proposing to install a TNI must comply with applicable requirements contained in *410 IAC 6-8.1*, *410 IAC 6-10*, and applicable interpretations, standards, best practices and guidelines of the department.
- C. The following information must be provided to the department for review of a TNI:
 - 1. For all TNI:
 - a. A description of how the technology functions or operates, including scientific and engineering principles upon which it is based;
 - b. Performance that the technology is expected to meet including research and development data and data on field performance;
 - c. All studies conducted on the technology, and study reports, supported financially in-whole or in-part by the manufacturer or designer;
 - d. All independent studies conducted on the technology and study reports;
 - e. Information on certifications for the technology, with test results, from independent testing laboratories including:
 - 1) An affidavit that certifying organizations have no conflict of interest with the TNI manufacturer or designer;
 - 2) A statement of the source(s) of compensation for services; and
 - 3) A statement that research, certifying organizations, and principal investigators do not stand to gain financially from sale of the technology;
 - f. Life span of the materials used in the technology;
 - g. Criteria and procedures used for operation and maintenance (O&M) of the technology if O&M is required or recommended by the manufacturer or designer;
 - h. A copy of approvals for the technology from other states or government units and the statutes, codes, ordinances, and other regulatory documents under which the approval was granted; and
 - i. Copies of the following:
 - 1) Design and installation manual;
 - 2) For a technology for which the manufacturer or designer requires O&M:
 - a) Owner manual;
 - b) O&M manual; and
 - 3) Product literature and pricing information.
 - 2. For a technology used in a soil absorption field:
 - a. A description of the site criteria required for successful operation of the technology, including documentation of research and field performance applicable to soil and climatological conditions found in Indiana; and
 - b. The design criteria for sizing the technology to meet all site and soil conditions required by the department using soil morphology and soil load rate tables in *410 IAC 6-8.1* and *410 IAC 6-10*.

3. For treatment devices certified under *American National Standards Institute/ National Sanitation Foundation Standard 40, Residential Wastewater Treatment Systems, Class 1*, the manufacturer must provide documentation showing:
 - a. A current product listing with an ANSI accredited third party certifier;
 - b. Compliance with the Indiana Standards for Integrated Treatment Systems; and
 - c. Procedures for effluent sampling and analysis.
4. For other treatment devices and high strength waste devices, the manufacturer or designer must provide documentation showing:
 - a. Compliance with the Indiana Standards for Integrated Treatment Systems;
 - b. Design criteria for sizing the device to meet all waste flow characteristics;
 - c. Procedures for effluent sampling and analysis; and
 - d. Specifications for all components.