

Indiana Standards for Geo-Flow Soil Absorption Field Technology

These standards apply to Geo-Flow soil absorption field (SAF) technology manufactured by ADS, Incorporated.

I. General requirements:

- A. Geo-Flow systems must be designed and installed according to the *Geo-Flow Pipe Leaching System Indiana Design & Installation Manual- Indiana Edition, January 2013*, in a manner that complies with 410 IAC 6-8.3, *Residential Onsite Sewage Systems* (except as noted below).
- B. Geo-Flow systems must comply with local ordinances, requirements and procedures.
- C. Revisions to the *Geo-Flow Pipe Leaching System Design & Installation Manual- Indiana Edition, January 2013* must be approved by the department.
- D. The owner, or agent of the owner, must obtain a construction permit from the health department having jurisdiction prior to the start of construction of the residence or commercial facility.

II. Requirements for certification and oversight:

- A. Designers, installers, and all individuals involved in the permitting process, must attend the “*Geo-Flow Designer and Installer Certification Course*” presented by ADS, Incorporated, or its sanctioned representative, before they may design, install, or permit an onsite system containing an Geo-Flow system.
- B. ADS, Inc., or its sanctioned representative, must:
 - 1. Notify the department, at least ten (10) working days in advance, of each “*ADS Designer and Installer Certification Course*” offered in Indiana;
 - 2. Offer field demonstrations of Geo-Flow system installations; and
 - 3. Provide designers and installers ongoing consultation, as needed.

III. Requirements for recordkeeping:

- A. ADS, Inc., must provide the department with records, on an ongoing basis, of:
 - 1. Individuals certified for the design, installation or permitting of Geo-Flow systems in Indiana; and
 - 2. Geo-Flow systems installed in Indiana based on receipt of “*System Installation Report Forms.*”
- B. Installers of Geo-Flow systems must provide ADS, Inc., a completed “*System Installation Report Form*” for each new, repaired, and replacement or expanded Geo-Flow system installed in a given month within five (5) working days of the following month.

IV. Requirements for local health departments, installers, and owners:

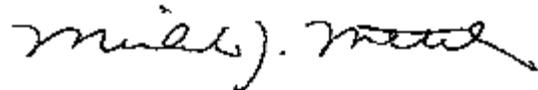
- A. Prior to construction of a Geo-Flow system, the installer must notify the local health department, according to written procedures developed by the local health department, as to the start date of construction;

- B. A Geo-Flow system must not be constructed during periods when the soil is sufficiently wet to exceed its plastic limit. **Before installation of the sand bed the soils must pass soil plasticity tests.** Soil plasticity tests of the sand bed site include the evaluation of soil samples throughout the sand bed site, both at the surface and at the depth of installation, to assure that the plastic limit of the soil is not exceeded. The plastic limit of a soil is exceeded when the soil can be rolled between the palms of the hands to produce threads one-eighth (1/8) inch in diameter that do not easily break apart or crumble.
- C. Construction of the Geo-Flow system must proceed based on the approved plan. Any changes, alterations, or additions to the approved plan must be submitted by the installer to the department, or the local health department, whichever has jurisdiction, and approved prior to construction.
- D. After construction of the Geo-Flow system:
1. The owner must permit staff of the department and local health department to make observations of the system, and collect samples, at reasonable times.
 2. The owner must immediately notify the local health department if the system shows signs of failure as defined in 410 IAC 6-8.3.

Approved: August 30, 2012

Effective: August 30, 2012

Revised: March 7, 2013



Michael Mettler, REHS, Director
Environmental Public Health Division
317/233-7183
mmettler@isdh.in.gov