

# DeKalb County Health Department

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March 9, 2009

Dear Septic Installers and Designers of DeKalb County,

The DeKalb County Board of Health has approved several installation requirements that will be effective for the 2009 installation season.

- There is a minimum of three soil borings required in the absorption field area. More than three may be required due to site specific challenges.
- A minimum of a 1250 gallon, two compartment septic tank is required for any house up to and including 4 bedrooms. Two compartment tanks will also require two risers to the surface (one for each compartment).
- Effluent filters will be required on all new onsite systems and any existing systems requiring a new septic tank (see attached page).
- Risers to the surface are required on distribution boxes.
- F-810 will **not** be allowed in the header trench. It can be used in the absorption trench.
- 48 inch wide geo textile fabric barrier required to prevent aggregate from becoming clogged with earth fill.
- The Perimeter Drain outlet will need to be uncovered and the depth and viability of the drain confirmed at the time of Site Plan submittal to the DeKalb County Health Department.

In addition to the aforementioned installation requirements the Force Main Delivery Pipe must be installed prior to plowing and a Pressure Network Design Check will be performed on all Elevated Sand Mound Systems. See the enclosed sheets for details and contact this office with questions.

Sincerely,

Cathy Manuel, EHS

DeKalb County Health Department

**Reminder to Installers: Don't forget to register your company at the Health Department before you begin any installation.**

## Septic Tank Outlet Filter Requirements

The following excerpt is the septic tank outlet filter requirements in the Proposed Rule 410 IAC 6-8.2. The DeKalb County Health Department will use the proposed language for reference in approval of effluent filters starting with the 2009 Installation season. The entire Proposed Rule 410 IAC 6-8.2 can be found on the following web sites <http://www.iowpa.org/> <http://www.iehaind.org/> go to Committee Information then Standing Committees then Waste Water Management Committee then WWMC Proposed Rule Revisions

410 IAC 6-8.2-59(p)

- (p) All septic tanks shall meet the following outlet filter requirements:
- (1) An outlet filter shall be installed in the septic tank of new onsite systems and existing onsite systems requiring a new septic tank.
  - (2) Outlet filters shall conform to:
    - (A) ANSI/NSF Standard 46, *Evaluation of Components and Devices Used in Wastewater Treatment Systems*, maintain a current product listing with an ANSI accredited third-party certifier, and bear a listing mark; or
    - (B) be approved by the department.
  - (3) For onsite systems requiring repair, or soil absorption fields requiring replacement, the local health department may require an outlet filter.
  - (4) Outlet filters shall be located in:
    - (A) a single septic tank when not used in series;
    - (B) the second compartment of two-compartment tanks;
    - (C) the last compartment of the last tank when two or more tanks are used in series; or
    - (D) a secondary watertight structure located after the last septic tank.
  - (5) The outlet filter housing shall:
    - (A) provide a minimum scum space of six (6) inches; and
    - (B) include a gas deflection device.
  - (6) Outlet filters shall be:
    - (A) installed according to manufacturer's recommendations.
    - (B) placed to allow accessibility for routine maintenance without entering the tank or outlet structure if separate from the tank; and
    - (C) maintained by the owner or agent and shall remain in service for the life of the septic tank.
  - (7) Service shall be performed as required, but no less than each time the septic tank is pumped and cleaned.
  - (8) Outlet filters shall be located so they do not interfere with pumping and cleaning of the septic tank.

*(Indiana State Department of Health; 410 IAC 6-8.2-59)*

Listings of ANSI/NSF Standard 46, *Evaluation of Components and Devices Used in Wastewater Treatment Systems* can be found at: [www.nsf.org](http://www.nsf.org).