



Evolution of Indiana Residential Sewage Codes

<p>Indiana State Board of Health Bulletin SE 8</p>	<p>Guidance document for gravity flow systems (not a rule) Many counties adopted local ordinances in the 40's - 60's and adopted Bulletin SE 8 in the ordinance.</p>
<p>IC 13-1-3-4 Enacted 1943 Amended 1995</p>	<p>The water pollution control board shall adopt rules for the control and prevention of pollution in waters of this state with any substance which is deleterious to the public health or to the prosecution of any industry or lawful occupation, or whereby any fish life or any beneficial animal or vegetable life may be destroyed or the growth or propagation thereof prevented or injuriously affected.</p>
<p>Regulation HSE 25 Residential On-Site Wastewater Disposal Effective: 11/18/77 - 6/25/78</p>	<p>Made local boards of health the administrative authority Regulated design, construction, installation, location, maintenance and operation of sewage disposal systems. Prohibited discharging systems - no grandfathering Allowed the state department to approve other technologies not described in the rule Set minimum standards for gravity flow systems. Separation distances required. Required the septic tank to be on the property where the sewage originated, unless easements were obtained. Septic tank capacity: 1-2 BR = 750 gal, 3 BR = 900 gal, 4 BR = 1100 gal, 5 BR = 1250 gal, 6 BR = 1500 gal Septic tank must have 8" access opening "close to ground surface". If the septic tank was covered by <math>\geq 24</math>" of soil, a 30" manhole was required to within 6" of the surface. Septic tank construction: steel, fiberglass, blocks, brick, concrete Required that the septic tank discharge to a soil absorption field. Use percolation tests and permeability tables to size systems; allowed for soil evaluations. A distribution box was required to provide equal distribution to all laterals in the soil absorption field. Maximum trench depth = 48" Required 6" aggregate below and 2" aggregate above pipe. Aggregate must be 1/2" - 2 1/2" with clay, sand and fines removed. Laterals max. length = 100'. Allowed up to 4" fall in 100' of lateral. Soil absorption field must be placed on slope <math>\leq 12\%</math>. Seasonal high water table and limiting layer must be at least 3' below trench bottom. Barrier material = building paper, 2" layer of straw, or other like material. Permit required for new, repair or addition.</p>

<p>Indiana State Board of Health Regulations HSE 25R Residential On-Site Wastewater Disposal Effective: 6/25/78 - recodified as 410 IAC 6-8</p>	<p>Included all of the regulations from HSE 25 plus: Exempted parcels at least 10 acres in size from meeting the provisions of the regulation relating to system design and installation for system alterations or for new construction sites as long as the resident is engaged in farming and the sewage disposal system is at least 1000' from any other sewage disposal system. Repairs, alterations and construction must be in accordance with the best judgment of the local board of health. Exempted lots in subdivisions plans approved in writing prior to 12/18/77 from the provisions of the regulations relating to system design and installation.</p>
---	---

<p>Indiana State Board of Health Rule 410 IAC 6-8 Residential Sewage Disposal Systems Effective until: 12/21/90</p>	<p>Recodified HSE 25R Same language</p>
---	---

<p>Indiana State Department of Health Rule 410 IAC 6-8.1 Residential Sewage Disposal Systems Effective: 12/21/90 - 1/1/11</p>	<p>Removed exemptions for 10 acres parcels and subdivisions <del>removed</del>. Added provisions for 5 types of systems: gravity flow, flood dosed, alternating fields, subsurface pressure distribution and elevated sand mounds. Onsite soil evaluation replaced percolation tests. Soil loading rate charts replaced permeability chart. Allowed for waiver from system sizing in pre-platted subdivisions if there are no documented failures. Max. trench depth for new construction = 36" and for repair/replacement = 48" Added drainage and dispersal area requirements. Added pipe specifications. Added requirements for dosing tanks and effluent pumps. Septic tank materials limited to concrete, fiberglass, polyethylene or plastic. Required gas deflection baffle in outlet of septic tank. Septic tank capacity increase: 1-2 BR = 750 gal, 3 BR = 1000 gal, 4 BR = 1250 gal, 5 BR = 1500 gal, +150 gal/BR over 5 Required minimum 8" riser brought to ground surface. Barrier material = 6" layer of straw or synthetic geotextile fabric.</p>
---	---

<p>IC 13-18-4-5 Unlawful discharge of deleterious substances Enacted 1943: Acts 1943, c.214, s.8 Amended by P.L. 143-1985, Sec. 20 Added to IC 13: P.L. 1-1996, Sec. 8</p>	<p>Sec. 5. A person may not: (1) throw, run, drain, or otherwise dispose into any of the streams or waters of Indiana; or (2) cause, permit, or suffer to be thrown, run, drained, allowed to seep, or otherwise disposed into any waters; any organic or inorganic matter that causes or contributes to a polluted condition of any waters, as determined by a rule of the board adopted under sections 1 and 3 of this chapter <i>As added by P.L.1-1996, SEC.8.</i></p>
--	--

<p>IC 16-41-25-3 Secondary Plug Effective 7/1/96</p>	<p>(a) This section applies only to residential septic systems that are installed after July 1, 1996, and that use a raiser that is more than six (6) inches in diameter and opens to ground level.</p> <p>(b) Each opening to an underground tank of a residential septic system that allows access from ground level must be covered with a lid or top that is securely fastened.</p> <p>(c) Below a residential septic system's lid or top described in subsection (b), the tank of the residential septic system must have a cap or plug.</p> <p>(d) A person who installs a residential septic system after June 30, 1996, commits a Class B infraction if the residential septic system does not meet the requirements of this section.</p> <p>(e) Each local health department established within a county under IC 16-20-2-2 shall enforce this section in the county. <i>As added by P.L.150-1996, SEC.2.</i></p>
--	--

<p>327 IAC 5-1-1.5 Prohibitions Effective: 7/1/96</p>	<p>Except as provided in 327 IAC 15-14, the point source discharge of sewage treated or untreated, from a dwelling or its associated residential sewage disposal system, to the waters of the state is prohibited.</p>
---	--

<p>Indiana State Department of Health Rule 410 IAC 6-8.2 Residential Sewage Disposal Systems Effective: 1/1/11 - 11/19/12</p>	<p>Added construction permits, operating permits and system abandonment.</p> <p>Required outlet filters in all new septic tanks.</p> <p>Required resilient rubber pipe connectors on septic tanks.</p> <p>Required minimum 18" riser brought to ground surface.</p> <p>Barrier material = synthetic geotextile fabric.</p>
---	--

<p>Indiana State Department of Health Rule 410 IAC 6-8.3 Residential Sewage Disposal Systems Effective: 11/19/12 - present</p>	<p>Required resilient rubber pipe connectors on septic tanks and dosing tanks.</p> <p>Septic tank capacity for 6+ bedrooms = 1500 gal + 300 gal per BR over 5</p>
--	---