

ISPLS 61st Annual Convention

January 16-18, 2013

Indianapolis



Alan M. Dunn
Sr. Environmental
Manager



Indiana State
Department of Health

Environmental Public Health Division

A TOUR OF THE RESIDENTIAL AND COMMERCIAL RULES

A TOUR OF THE RESIDENTIAL AND COMMERCIAL RULES

- ✖ Both rules follow the same format:
- ✖ Definitions
- ✖ Administrative
- ✖ Requirements for system selection
- ✖ Technical requirements for system design and installation

A TOUR OF THE RESIDENTIAL AND COMMERCIAL RULES

- ✘ Definitions
- ✘ Administrative Authority
- ✘ General Sewage Disposal Requirements
- ✘ Construction Permits
- ✘ Operating Permits
- ✘ Violations

A TOUR OF THE RESIDENTIAL AND COMMERCIAL RULES

- ✖ On-site Evaluations
- ✖ Separation Distances
- ✖ Dispersal Area
- ✖ Drainage
- ✖ Septic Tanks
- ✖ Dosing Tanks
- ✖ Tank Installation and Maintenance
- ✖ Outlet Filters
- ✖ Effluent Pumps
- ✖ Distribution Boxes

A TOUR OF THE RESIDENTIAL AND COMMERCIAL RULES

- ✖ Distribution Boxes
- ✖ Pipe Specifications
- ✖ Aggregate Specifications
- ✖ Barrier Materials
- ✖ Subsurface Trench Onsite System Site Suitability
- ✖ Subsurface Trench Onsite Sewage System Type Selection Criteria
- ✖ Elevated Sand Mound Onsite Sewage System Site Suitability
- ✖ Table for Onsite Sewage System Selection

A TOUR OF THE RESIDENTIAL AND COMMERCIAL RULES

- ✘ Subsurface Trench Onsite Sewage Systems; Design and Construction Requirements:
 - + All subsurface trench systems
 - + Subsurface gravity flow systems
 - + Subsurface flood dosed systems
 - + Subsurface alternating field systems
 - + Subsurface pressure distribution systems

A TOUR OF THE RESIDENTIAL AND COMMERCIAL RULES

- ✖ Elevated Sand Mound Systems:
 - + Design of the Aggregate Bed
 - + Design of Basal Area
 - + Dimensions of the Elevated Sand Mound
 - + Pressure Distribution Network
 - + Protection of the Site
 - + Requirements for System Construction
 - + Installation of the Effluent Force main
 - + Preparation of the Site
 - + Placement of the Sand on the Basal Area
 - + Construction of the Aggregate Bed
 - + Placement of the Soil Material and Final Grade

SPECIFICATIONS

- × Sewage flows
- × Minimum separation distances
- × Tanks (septic, dosing, & grease traps)
- × Septic tank outlet filters
- × Effluent pumps
- × Piping
- × Distribution boxes
- × Aggregate
- × Barrier materials
- × Soil loading rates
- × Frost penetrations

CONTACT INFORMATION

Alan M. Dunn

adunn@isdh.in.gov

317-233-7179

