

Commercial OSS Plan Review Program Overview



Commercial Plan Review Staff



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Rule 410 IAC 6-10.1

- IndianaAdministrativeCode
- Not a recommendation, it is the law
- Current versionMay 17, 2014

COMMERCIAL ON-SITE SEWAGE SYSTEMS RULE 410 IAC 6-10.1



Indiana State Department of Health Environmental Public Health Division 100 N. Senate Ave. N855 Indianapolis, IN 46204 Effective: November 18, 2012 Revised: September 28, 2013 Revised: May 17, 2014

Published November 15, 2012
Formatting and cross-references corrected; republished on July 2, 2013
Rule revised and republished on September 28, 2013
Rule revised and republished on May 17, 2014

http://www.in.gov/isdh/files/Plan%20Review%20Requirements%20and%20Process.pdf

The Process...

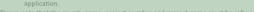
Indiana State Department of Health

Commercial On-Site Sewage System Submittal and Review Process

1. Soil evaluation

- a. On-site soil evaluations for commercial projects must be completed by an individual registered by the Indiana Registry of Soil Scientists (IRSS).
- b. A listing of registered soil scientists may be accessed at http://oisc.purdue.edu/irss/roster.html.
- c. Soil scientists should send their reports via email to the Indiana State Department of Health (ISDH) at soil@isdh.in.gov.
- d. An e-mail address for the owner/applicant needs to be included on the report.

- a. When the on-site soil evaluation report is received by ISDH, a project number will be assigned and an e-mail, including a "Commercial On-Site Sewage System Pre-Application" will be sent to
 - i. A copy of the "Commercial On-Site Sewage System Pre-Application" may be accessed at http://www.in.gov/isdh/23283.htm.
- b. The pre-application must be completed in its entirety and submitted to ISDH via the soil@isdh.in.gov email account.
- c. A business and floor plan must accompany the pre-application.
 - i. Examples of the required business and floor plans are provided with the pre-





Commercial On-Site Sewage System Submittal

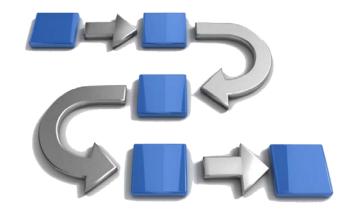
and Review Process

- one of the commercial plan review staff for the generation of a technical data sheet (TDS) b. The TDS will be e-mailed to the applicant and/or project agent, and the LHD.
- c. The TDS will provide specification options for an OSS that is in compliance with Rule 410 IAC 6-10.1.
 - i. A copy of this rule may be accessed at http://www.in.gov/isdh/files/410 IAC 6-10-

Note: ISDH can deny approval of an on-site system, pursuant to 410 IAC 6-10.1-55, if there is a sanitary sewer of adequate capacity either within 300 feet of the nearest property line, or to which connection can be made at a construction and connection cost not to exceed one and one-half times the cost of the OSS. ISDH can also deny approval if site or soil conditions are not suitable for a soil absorption field.

Plan Review Submittal and Review Process

February 24, 2017





- On-site soil evaluation
 - Indiana Registry of Soil Scientists
 - Forwards report to ISDH
 - soil@isdh.in.gov
- Local Health Department (10 day comment period)
- Pre-application



Local Health Department - 10 Day Comment Period

- If there is an existing system that is in failure, or the facility is under a pump and haul order;
- Availability of sanitary sewer;
- Proximity to any wells;
- Has the site been disturbed, or has construction begun;
- Restricted site conditions (i.e. floodplain, filled depressional areas, sinkholes, etc.);
- Availability of perimeter drain outlet and approximate depth, if needed;
- Any reservations you may have about the installation of an on-site system in this location; and,
- Any additional information you feel is pertinent to the site.

Pre-application

- New State form
- Completed by owner/designated agent
- Must include "business plan", "building plan" and menu (if applicable)
- ISDH assigned staff person reviews and determines
 "Design Daily Flow" 410 IAC 6-10.1-60
- ISDH issues decision a "Technical Data Sheet", rejection of site, and/or additional borings needed

Technical Data Sheet (TDS)

- Minimum specifications for design
- ISDH vs Local Health Department Review
- Design daily flow
- Grease trap required?
- Secondary treatment required?
- Subsurface soil absorption field eligible?
 - Gravity and/or flood dose?
 - 25% sizing reduction (chambers) eligible?
 - Drainage required?
 - Sand line system eligible?



Technical Data Sheet (TDS)

- Elevated sand mound minimum specifications
 - Drainage required?
 - Elevated sand line system eligible?
 - # of effluent pumps
 - # of distribution networks
- Subsurface pressure distribution

Technical Data Sheet (TDS)

- Email sent to owner/designated agent and county health department representative with the following attachments:
 - TDS
 - Commercial rule 410 IAC 6-10.1
 - Incomplete application for construction permit checklist
 - New designer checklist

- Delegation to Local Health Department (LHD)
 - Design daily flow (DDF) \leq 750 gpd
 - LHD staff approved for delegation
 - Indicated on cover letter and TDS (in writing)

Subsurface gravity fed system may be reviewed and approved by the local health Options Plans including a pump(s) must be submitted to ISDH for review and a

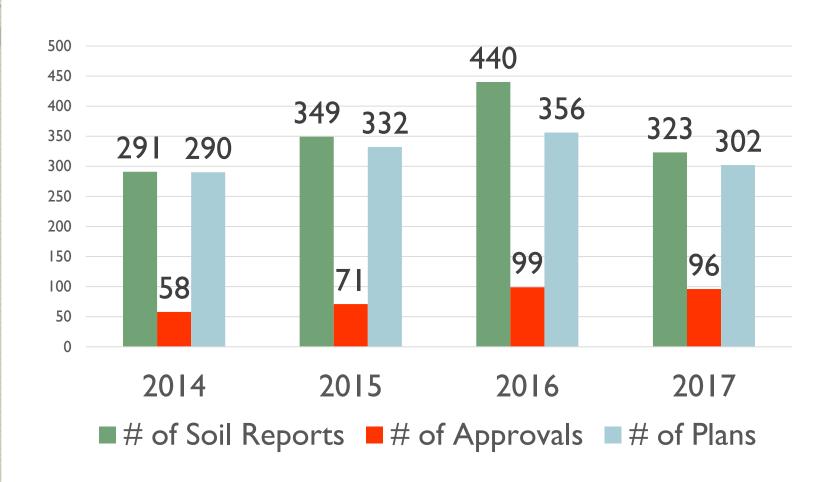
May 6, 2016 Mr. John Taylor 123 S. Main St. Anytown, IN 46567 RE: Soil Evaluation Report Submittal ISDH Project # XYZ Company 456 N. 500 E. Grant County on-site soil evaluation report 04/20/16 was completed by this office. A technical data sheet (TDS), outlining the minimum requirements for an on-site system for this facility, follows Subsurface gravity fed system may be reviewed and approved by the local health department (LHD) Plans including a pump(s) must be submitted to ISDH for review and approval · Plans submitted to ISDH for review and approval must be: · Certified by a professional engineer or architect registered in the State of Indiana. · Accompanied by an application and the required fee. · A permit must be issued by ISDH, and the local health department, if applicable, prior to any construction at the site.

- 1. All plans must be submitted to ISDH
- 2. Gravity to be reviewed by LHD, systems with pump by **ISDH**
- 3. Subsurface to be reviewed by LHD, elevated to ISDH
- 4. All can be reviewed by LHD



- New law effective January 1, 2017
- Includes written acknowledgment of receipt within one business day and name of assigned staff person
- Requires review of initial submittals within 30 business days
- Requires review of revised submittals within 10 business days (or 15 days if customer agrees)
- If no action within above timeframes, permit must be issued the day after as is

Commercial Activity (2014 – *2017)



LEAN Rapid Improvement Event

- SEA 234
- October 2016
- Commercial plan review program
- Included internal OSS staff
- Included 3 outside designers one of the days (P.E., soil scientist, manufacturing representative)



ISDH plan review and approval

Commercial Application for Construction

Permit

- Construction Plan
- Plan Review Fee

INSTRUCTIONS FOR COMPLETION OF CONSTRUCTION PERMIT								
1.	Owner	mu	me and address of person, company, firm, inicipality, authority, etc., which proposes the instruction, installation, or modification of any wa lution control facility.	iter				
2.	Authorized Agent	wh	me, title, address, and telephone number of per o is designated to act for owner and who is fam h the project and can furnish additional informal juired.	and who is familiar				
3.	Name of Facility or Project	St	ate its name, location, and nearest possible add	n, and nearest possible address.				
4.	Name of Engineer/Architect	en wh	Name, title, company, address and telephone number of engineer or architect registered in the State of Indiana who certified and sealed the construction plans and specifications.					
5.	Check the squares indicating name of documents attached to Application. All documents are required except where inapplicable.	A.	A. A USGS topographic map or a county highway map with the exact site indicated.					
		В.	Plans and specifications shall be prepared, certified and sealed by an individual qualified under applicable laws of the State of Indians. Report of an on-site survey identifying soils at the site of the proposed absorption field including textures, and structures at each soil horizon and depth to					
		C.						
		D.	Fees required by 410 IAC 6-12-17					
			Commercial on-site	\$200				
			Community Wastewater Disposal Facility	\$700				
			Mobile Home Community or Mobile Home Community Addition	\$300				
		6.	 Signature An application submitted by a corporation must be signed by a principal executive officer of at least vice president level or his duly authorized representative, it contains the properties of the facility from which the construction described in the form will originate. In the case of a partnership or a sole proprietory, the application must be signed by a general partner or the proprietor, respectively. 					



Indiana State Department of Health P.O. Box 7238 Indianapolis, IN 46207-7177

	Address	authorize the activities described herein. I certify that I am familiar with the information
	City	and the distribution of the distribution and the distribution
4.	ENGINEER/ARCHITECT	is true, complete, and accurate.
	Name	Printed Name of Person Signing
	Address	Title
		Signature of Owner or Designated Agent
0	Telephone Number	Date of Application (month, day, year)
	Email	



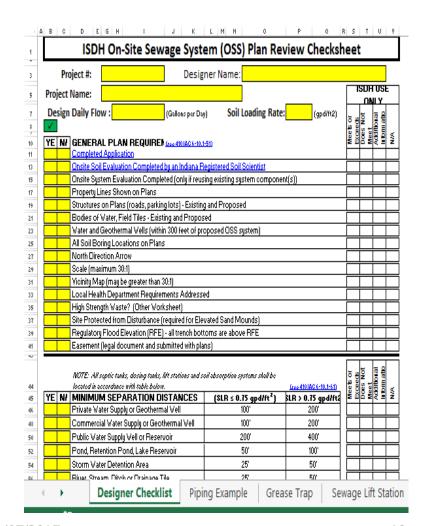
- New Electronic Submission Option
 - https://secure.in.gov/apps/dhs/drs/
 - Pay fee electronically
 - Must do initial plan submission in order to submit revisions
 - Initial setup takes time
 - FTP account for your business
 - Problems initially
 - Recent fix to instructions

Incomplete Application for Construction Permit Checklist

- Missing proof of payment of permit fee for initial submission only
- Missing soil boring locations on plans
- Plans not sealed by Indiana licensed P.E. or Architect
- Plans not drawn to scale (maximum of 30:1)
- Missing secondary treatment as required by TDS
- Incorrect system type (i.e. does not follow TDS)



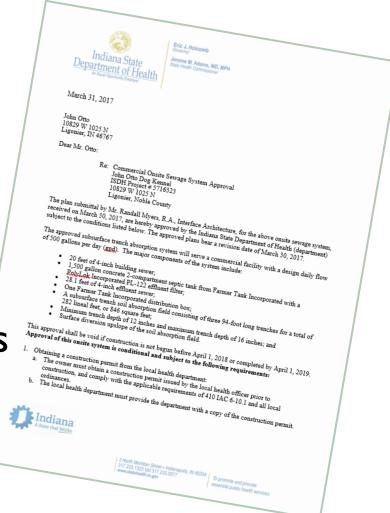
- Plan Review by ISDH
 - Specific requirements for each individual component
 - Designer checklist for designer and staff



- Subsequent Plan Submittals
 - Include County, Project Number, Name
 - Include date of revision on plan
 - No application or fee required
 - Hand deliver, mail or electronic

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- Approval of design
 - Issued to owner
 - Copied to designer, local health department, others
 - Specifies components of the system
 - I year to start
 - 2 years to complete





- Contact the LHD for further requirements
 - Issuance of local permit
 - Inspection protocol
- Pre-construction meeting
 - Via phone
 - Site visit
- Inspections by LHD staff
 - ISDH staff assist, as requested



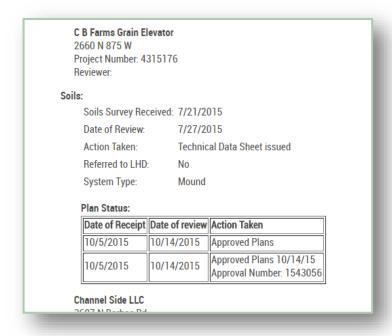
- Project Status
 - http://www.in.gov/isdh/23047.htm
 - Plan Review Project Status

PLAN REVIEW STATUS

The following links are to Indiana Counties with plan review projects and soil survey submittals. Follow the county link to see the status of the projects in that county. These pages were last updated on April 13, 2017 and contains the status of projects submitted after January 1, 2005.

For information on projects submitted before January 1, 2005, please contact the Environmental Public Health Division.

<u>Adams</u>	<u>Allen</u>	Bartholomew	<u>Benton</u>
Blackford	Boone	Brown	Carroll
Cass	Clark	Clay	Clinton
Crawford	<u>Daviess</u>	Dearborn	<u>Decatur</u>
<u>DeKalb</u>	<u>Delaware</u>	<u>Dubois</u>	<u>Elkhart</u>
<u>Fayette</u>	<u>Floyd</u>	<u>Fountain</u>	<u>Franklin</u>



Environmental Public Health Division Indiana State Department of Health

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http://www.in.gov/isdh/23283.htm

