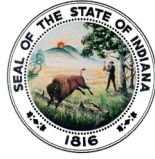




**Indiana
Department
of
Health**



Eric J. Holcomb
Governor

Lindsay M. Weaver, MD, FACEP
State Health Commissioner

August 9, 2024

Dustin C. Dillard, Fire Chief
Monroe Fire Protection District
3953 S. Kennedy Drive
Bloomington, IN 47401

Dear Mr. Dillard:

Re: Commercial Onsite Sewage System Approval
Station 26 Monroe Fire Protection District
IDOH Project #5323337
478 Chambers Pike
Bloomington, Monroe County

The plan submittal by Jeffrey S. Fanyo, P.E., Bynum Fanyo & Associates, for the above onsite sewage system, received on August 6, 2024, is hereby approved by the Indiana Department of Health (department) subject to the conditions listed below. The approved plans bear a revision date of July 24, 2024.

The approved subsurface Presby sand lined absorption system will serve a commercial facility with a design daily flow of 600 gallons per day (gpd) The major components of the system include:

- 9 feet of 4-inch ASTM D 3034 SDR 35 building sewer;
- A 1,500-gallon Sexton Wilbert Corporation concrete single compartment septic tank equipped with a Zabel Environmental Technology, Inc A300 8X18 VC outlet filter;
- 3 feet of 4-inch ASTM D 1785 Sch 40 effluent sewer;
- 184 feet of 4-inch ASTM D 3034 SDR 35 effluent sewer;
- 13.31 feet of 4-inch ASTM D 3034 SDR 35 effluent sewer (header pipe);
- A subsurface Presby sand lined absorption bed utilizing parallel distribution and consisting of four (4) 70-foot long rows of Presby AES pipe, totaling 280 lineal feet in a 7.5 feet wide by 72 feet long, or 540 square feet, pipe bed area with a basal area measuring 19 feet wide by 72 feet long, or 1,368 square feet;
- Minimum 12-inch and maximum 17-inch absorption bed depths. The bed depth shall not vary by more than 3 inches along the length of the bed;
- An upslope surface diversion is required for this project.

To **promote, protect, and improve** the health and safety of all Hoosiers.

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The Indiana Department of Health is accredited by the Public Health Accreditation Board.



This approval shall be void if construction is not begun before September 1, 2025 or completed by September 1, 2026. **Approval of this onsite system is conditional and subject to the following requirements:**

1. Obtaining a construction permit from the local health department and coordinating local inspections:
 - a. The owner must obtain a construction permit issued by the local health officer prior to construction and comply with the applicable requirements of 410 IAC 6-10.1 and all local ordinances.
 - b. The local health department must provide the department with a copy of the construction permit.
 - c. Notify the local health department prior to the start of construction and coordinate all installation and final inspections with them according to local requirements.
2. Prior to construction of the system, the owner, or owner's representative, must notify Don Arnold of the department, at (317) 233-7397 or doarnold@health.in.gov, as to the start date of construction. This notification must be received at least ten (10) working days prior to construction of the system.
3. A preconstruction conference call is required for this project with your installer. You, or your installer must notify your project plan reviewer Don Arnold of this department, at (317) 233-7397 or doarnold@health.in.gov to schedule the conference call no later than 10 business days prior to the start of construction. The installer is the only required participant, however you, your designer, and the local health department representative are all welcome to participate. These optional participants must notify the project plan reviewer of their interest to be included, otherwise the call will be coordinated directly with the installer and be held as soon as possible.
4. The soil absorption field must not be constructed during periods when the soil is sufficiently wet, both at the surface and at the depth of installation, to exceed its plastic limit. Before installation of the soil absorption field, a representative of the local health department must confirm and document that soils in the soil absorption field pass soil plasticity tests. Soil plasticity tests of the soil absorption field site include the following:
 - a. Sufficient samples of soil plasticity evaluated throughout the soil absorption field site, both at the surface and at the depth of installation, to assure that the plastic limit of the soil is not exceeded.
 - b. The plastic limit of a soil is exceeded when the soil can be rolled between the palms of the hands to produce threads of one-eighth (1/8) inch in diameter that do not easily break apart or crumble.



5. That if pollution, health hazards, or nuisance conditions develop or are created, immediate corrective action be taken by the owner.
6. That no change in occupancy or use of the facility served be affected if it would result in wastewater flow on the peak day of more than 600 gallons per day, or if it would result in a type of wastewater being generated that is incompatible with absorption field disposal. Any such change in occupancy or use may be made only after the department has issued a construction permit for modifications to the wastewater disposal system that will allow it to accommodate increased wastewater flows.
7. Construction must proceed based on the approved plan submittal. Any changes, alterations, or additions to the approved plan submittal must be submitted to and approved by the department prior to construction of the change, alteration, or addition.
8. Agricultural activities are prohibited over the soil absorption field, the dispersal area, and any portions of the perimeter drain outlet shallow enough to be damaged by agricultural activities. If components are in an area where crops are grown, markers visible from agricultural equipment must be placed to identify the protected areas.
9. Only wastewater generated from ordinary living processes may be treated by the approved commercial onsite sewage system. All other wastewater, including but not limited to process wastewater, must be disposed of separately in a state approved manner.

If you wish to request administrative review of this *Approval* pursuant to Indiana Code 4-21.5-3-5, you must file a petition for review within fifteen (15) days after this *Approval* is received.

The petition for review must be in writing and must include facts demonstrating that:

- The petitioner is a person to whom the *Approval* is specifically directed;
- The petitioner is aggrieved or adversely effected by the *Approval*; or
- The petitioner is entitled to review under any law.

Any petition for review should be submitted in writing to the State of Indiana Office of Administrative Law Proceedings in one of the following ways:

1. Go online to www.in.gov/oalp and complete a Petition for Review (State Form 56961 (5-20));
2. Mail your petition for review to the Office of Administrative Law Proceedings at 100 N. Senate Avenue, Suite N-802, Indianapolis, Indiana 46204; or



3. Appear in person at the Office of Administrative Law Proceedings at 100 N. Senate Avenue Suite N-802, Indianapolis, Indiana 46204 and file your petition for review. You will need this document to complete your petition.

If you do not object to this plan submittal *Approval*, you do not need to take any further action. If you have questions regarding this approval, please contact Julia Hayes at (317) 771-9918.

Sincerely,

Michael Mettler, REHS
Director
Environmental Public Health Division
Indiana Department of Health

DArnold
APPROVAL No. G2453084

Cc: Monroe County Health Department (via email)
Jeffrey S. Fanyo, P.E. (via email)
Ryan Cushman, IDOH (via email)
File (DCA)