

Application for Soil Profile Analysis

MIAMI COUNTY CODE SERVICES
201 S. Pearl, Ste. 201, Paola, KS. 66071
913-294-4117

www.miamicountyks.org

FEE : \$ 350.00

Residential: _____ Commercial: _____ Amount paid: _____ LOG # _____

Site Address or Crossroads: _____

Reason for Profile (circle one) New Construction Repair Remodel Other

Lot Owner: _____
Name Address Phone

Lot Buyer: _____
Name Address Phone

Lot # _____ Subdivision Name: _____

Section _____ Township _____ Range _____ Lot Size _____

Directions: _____

Who will dig holes? _____
Name Name Phone

➤ **Note: This soil analysis must be done at the same time the holes are dug.**

Results to be sent to:

Name Address City State Zip

Email: _____

The results of this action shall not be construed or interpreted as imposing the county or its employees to:

- 1) any liability responsibility or damages to any property:
- 2) any warranty that any system that is constructed will function properly:

My signature below verifies

- 1. That the property owner has given permission for this soil profile analysis to be done.**
- 2. That I certify that the information provided herein is true and correct.**
- 3. That I have read and understand the Soil Profile Procedure sheet.**

Applicant's Signature

Date

SOIL PROFILE PROCEDURES

When is a soil profile required?

- All New Residences
- Existing Onsite Wastewater system is failing
- If adding bedrooms to an existing house and the onsite wastewater system is older than the current Miami County Sanitary Code, July 2004, a soil profile is required. *(The entire onsite wastewater system must be brought to current code.)*
- If adding bedrooms and the onsite wastewater system is within the current code a soil profile may or may not be required depending on previous soil profile, contour, and site restrictions.

When is a profile not required?

- Holding tank for an or agricultural or accessory building
- Onsite wastewater system for Walnut Creek Sewer, Club Estate Sewer, or Bucyrus Sewer.

Applying for a Soil Profile

- Zoning verification form completed, along with a copy of the deed to the property.
- Soil profile application must be completed and legible, along with \$350.00 fee.

Scheduling the Soil Profile

- The Planning Department will notify the owner/applicant of the property that the Zoning Verification has either passed or there are obscurities.
- Owner/applicant will contact their digger and have them call Kansas One Call. *(Operator of backhoe needs to call so that they are covered.)* Kansas One Call phone number is 1-800-344-7233. Utility locations are valid for fifteen days. Liability is not transferable.
- Call Miami County Code Services, 913-294-4117 with the Kansas One Call confirmation number to schedule Soil Profile.

Performing the soil profile

- Property Owner/Applicant, backhoe operator and inspector will meet onsite to perform a site evaluation to locate the best area for the soil absorption system. To help make this process easier, the owner/applicant needs to be flexible on location of the house, barn, pool, etc.
- Equipment needed for the Soil Profile will be a Back hoe or a Mini Excavator with a 3 foot bucket or larger.
- Miami County Sanitary Code requires a 2-4 foot of vertical separation between the restrictive layer and the lowest elevation of the soil absorption component of the system. A restrictive layer can be clay, rock, shale, sandstone, etc.
- Once location is narrowed down, a number of profile pits will be excavated. *(Please make sure you have exhausted all possible areas, as if another profile is requested another fee will be assessed.)*
- All profile pits must be excavated 4-5 foot deep with steps or ramp for easy access into each profile pit. Soil samples will be collected and the soil load rate will be determined for each soil horizon.
- Depending on soil conditions and type of onsite wastewater system a profile zone will be established. The profile zone is usually 3 profile pits in a triangle pattern. Soil samples will be taken from this profile zone. It is very important to rope off and protect this area during construction of the home.
- The proposed onsite wastewater system **must** be installed in the profile zone and any location change of the proposed onsite wastewater system will result in another soil profile and fee.
- A letter will be sent to the applicant 3-5 days after the soil profile.
- The Soil profile is valid for 5 years, provided the soil for the onsite wastewater system is not disturbed.

“This institution is an equal opportunity provider and employer.”

Revised January 1, 2019