Donovan Kukn, Countrytyme Land Specialist, ltd 3451 Cincinnati-Zanesville Rd, SW Lancaster, OH 43130

TO BE THE REPORT SHEET, AND SERVE

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Dear Mr. Kukn:

We would like to thank you for requesting our assistance to identify the specific soil properties on the long narrow meadow Track/property located just east of Tatmans Road and between Bearfield township roads 201 NE and 203 NE in Perry County, Ohio.

Enclosed are the following:

- 1. Location map
- 2. Aerial Photo Sketch Map of Site
- 3. Soil Site Descriptions for the different Soil Areas
- 4. Soil and Site Evaluation and discussion, for the proposed waste water disposal

The information in this report is basic soils information as found on-site. This does not mean that this site is suitable for an STS, that is up to the Perry County Health Department. If I can be of further assistance, in helping to interpret, clarify or add additional information from my notes, please let me know at 304-372-4809 home or 304-532-4711 cell.

Thanks,

Carlos Cole

Soil Scientist

Cc: Chad Cook, R. S. Perry County Health Department

## Soil and Site Evaluation Discussion

This soil evaluation is for a new STS (sewage treatment system) for a new home on your property. On the attached sketch map, we have approximately located a new home/building location and proposed a large leach field (soil site descriptions #1, #2, & 3) area to serve as both the primary and secondary leach field areas. These soils have developed in younger or more recent alluvial sediments that were deposited or over laid on older more clayey alluvial sediments from a older time period. We are not sure how this occurred in geologic time but we are just describing the existing soils today. We also noted a little over-wash with some clay from upslope mixing with the soils in the Ap1 horizon of the #1 soil. We used recent survey marks, to approximately located the property line on the sketch map for this report.

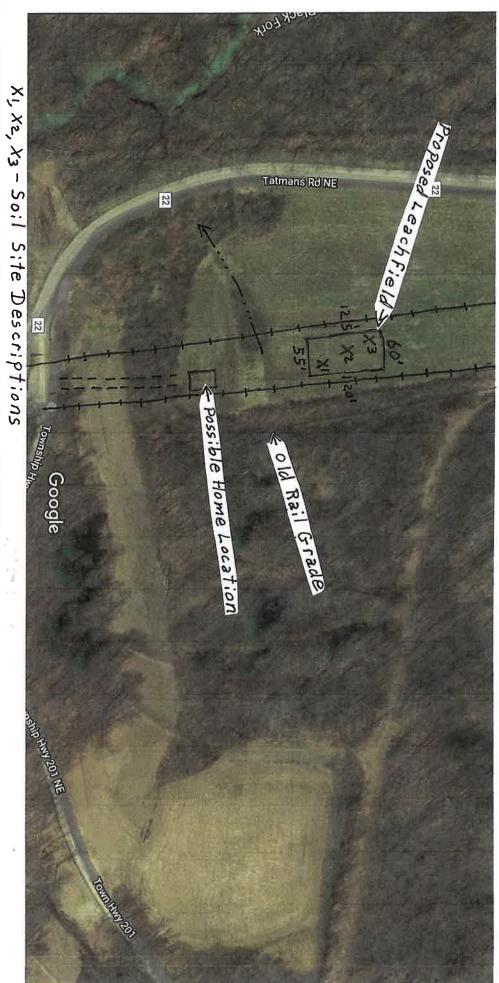
These soils are well described by the soil site descriptions, and the soils are very similar on the same contour of the slope. The center area/elevation is the better area for a leach field. These are mostly loamy soils with the exception of the #3 soil has more clay in the lower soil horizons. We did not find any hard pans or compacted areas in these soils just an increase in clay in the lower part of the proposed leach field. You maybe able to do some ditching or subsurface drainage just above the property line and pipe the water to the natural drainageway between the proposed leach field and proposed home location. The home location will need to be located so you can gravity flow the waste water to the leach field.

We have shown the location of the proposed septic tank or STS (sewage treatment system) leach field area on the sketch map. We have marked the proposed leach field area with pink wire flags along the approximated boundary corners. The soil description sites are marked with orange wire flags and the number of the soil description is marked on the flag. The approximate dominion, of the proposed leach field area, is marked on the sketch map. The proposed leach field is large and still has room to be extended, if needed. The septic tank or aeriation tank will be located next to the new home. The installer or the health department will determine where the filter lines will be located along with the number of lines, line length and square footage needed. The leach field lines would need to be located level on the contour around the slope. These soil descriptions were taken at random to show the soil properties at different areas within the proposed leach field area and the sketch map is not to scale.

## Location Map



## Sketch Map for Country tyme Property Town Hwy 201 & Tatmans Rd NE



Swale in Landscape for Surface water Drainage Possible Driveway to Home Location Approximate Property Boundary

These are all Approximate Locations (not to Scale)

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