
November 14, 2020

Dave Liskany (Countrytyme Land Specialist, Ltd)
3451 Cincinnati-Zanesville Rd, SW
Lancaster, OH 43130

Dear Mr. Liskany:

We would like to thank you for requesting our assistance to identify the specific soil properties on your property (**Track # 5, Pleasant Valley Woods - Union Road**), Chillicothe, in Ross 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 Ross 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: Logan Calhoun, R. S., Director of Environmental Health

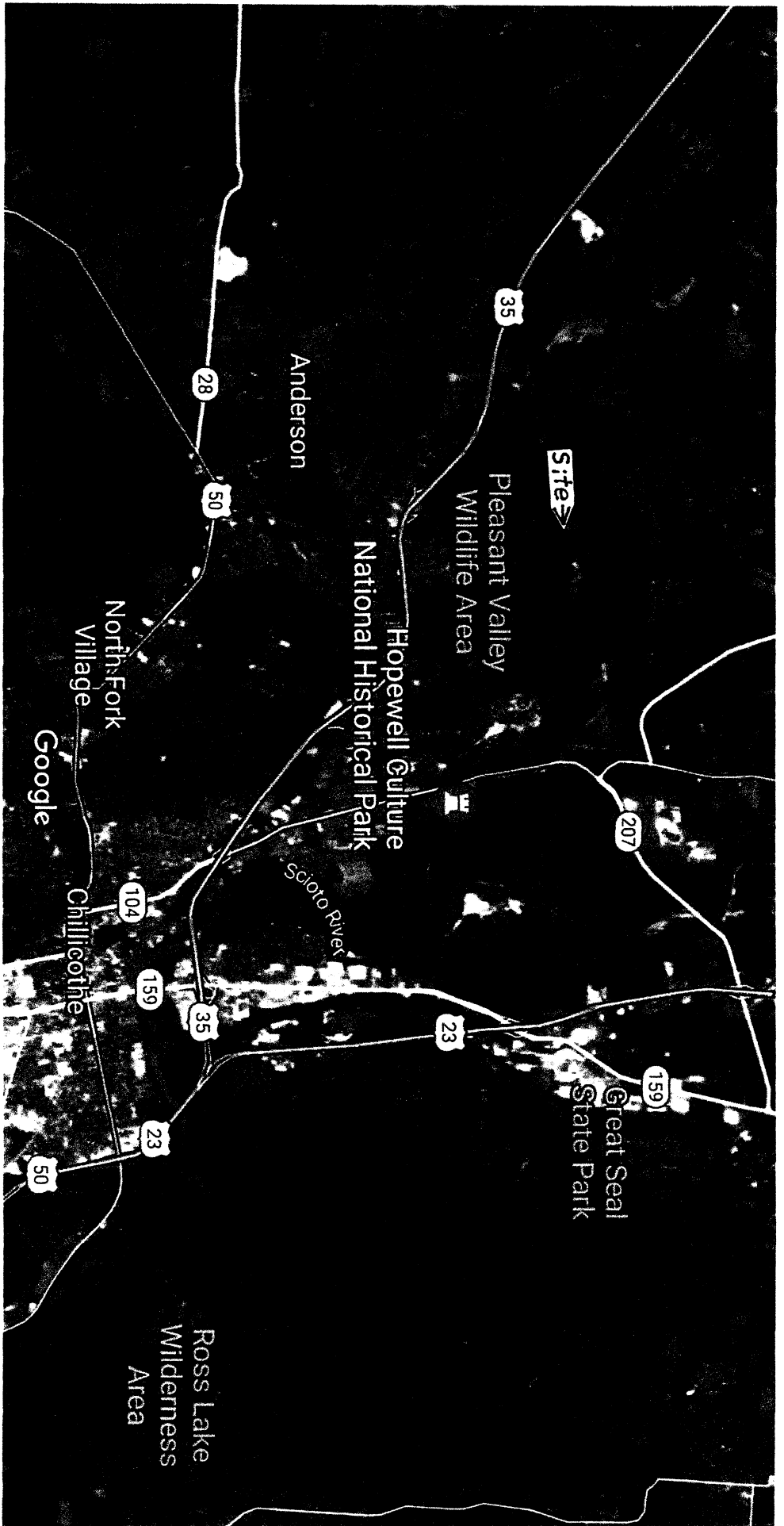
Soil and Site Evaluation Discussion

This soil evaluation is for a new STS (sewage treatment system) for a new home (example that may change) on your property. We mainly evaluated the higher portion of the property (glacial till) that was previously open crop land, near the entrance road between the parcel tracks for an STS. These soils have developed in mostly weathered glacial till over lying residual sedimentary siltstone bedrock. The open area, previously crop land is glacial till and the area in woodland is a thin mantle of till over lying sedimentary siltstone or just siltstone rock on a steeper slope.

The proposed filter field area is large and can serve as both the primary and secondary filter field areas. These soils are very consistent in basic soil properties, as indicated by the soil site descriptions. We excavated soil pits to approximately 30 inches and then auger to 48 inches or deeper, unless the auger was stopped by rock fragments. These soils seem to be more loamy on the southern side of the proposed leach field toward the woodland. These soils are not consistent with the exception of depth to seasonal high water table at an approximate depth of 18 inches. These are all loamy soils with the approximate percent clay ranging from 14 to 34 percent with the average being 24 to 29 percent, with no clayey soil horizons. I am going to give an educated guess that the remaining open area of the property would be very similar to the soil site descriptions. In order to get an STS on this property you will probably need to pretreat the waste water to get a reduction in depth to the seasonal high water table for the STS

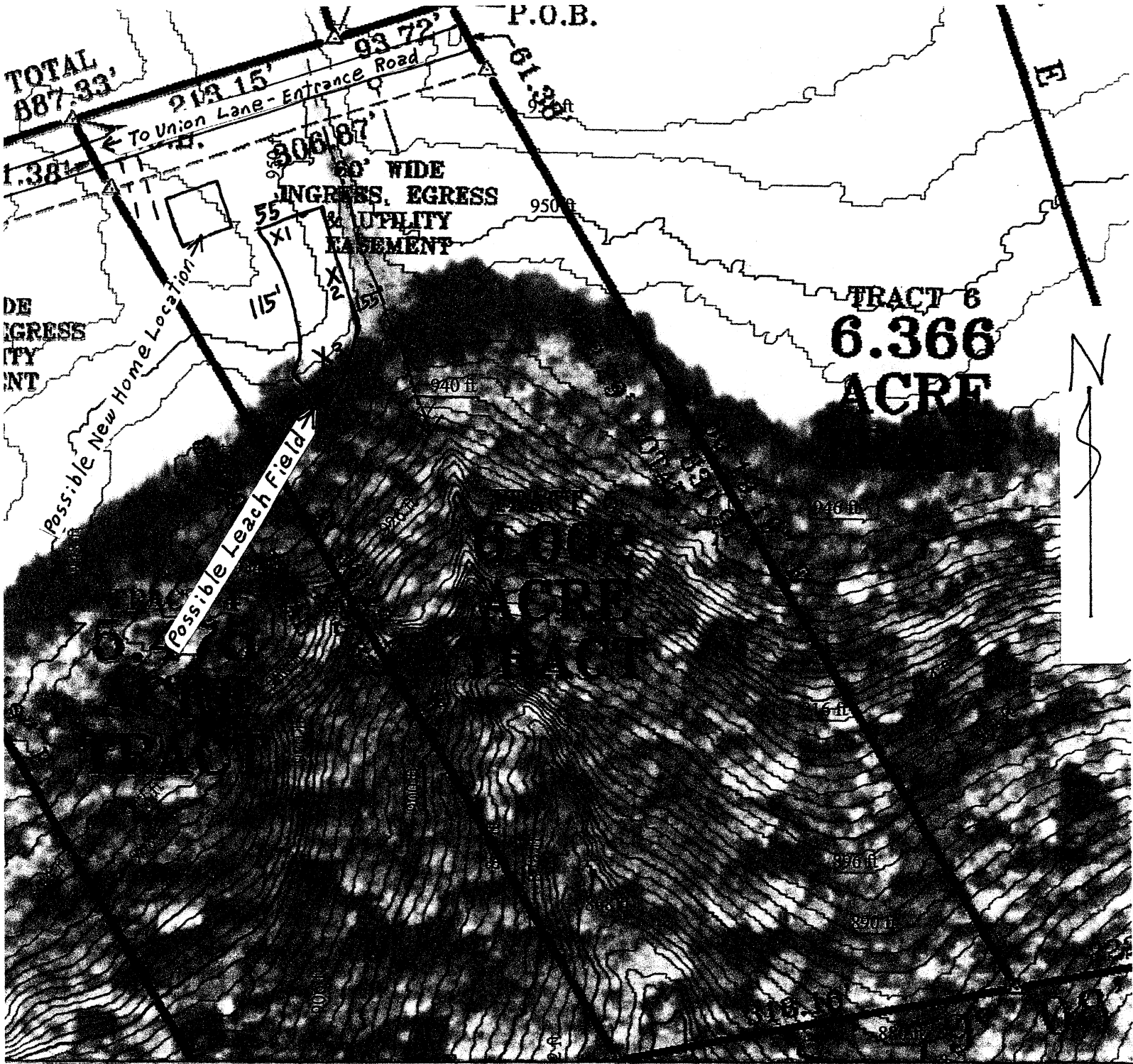
We have shown the location of the proposed STS leach field on the sketch map. We have marked the proposed filter field area with pink wire flags along the boundary and/or on the boundary corners. The soil description sites are marked with orange wire flags and the number of the description is marked on the flag. The approximate dominion, of the proposed filter field area, is marked on the sketch map. The proposed leach field area is just an indication of the area that can be used, the installer or the health department will determine where the filter lines will be located. The filter 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 filter field area and the sketch map is not to scale. We gave a house site location (example that may change with new owner) on the sketch map to give you a possible reference point, for this report.

Location Map



Sketch Map for Countrytyme Property

Pleasant Valley Woods-Track #5 Ross County



x₁, x₂, x₃ - Soil Site Descriptions

=== Approximate Driveway location

←..... Intermittent Drainageway or swale in Landscape For Surface water Drainage

These are all Approximate Locations (not to scale)

		809 Home	
		Infiltration Loading Rate gal./day/ft ²	Hydraulic Linear Loading Rate
		.6	4.1
		.4	3.0
		.4	3.0
		.4	3.0
		.4	3.0
		.4	3.8

24935

Pleasant Valley Woods
Ch #5