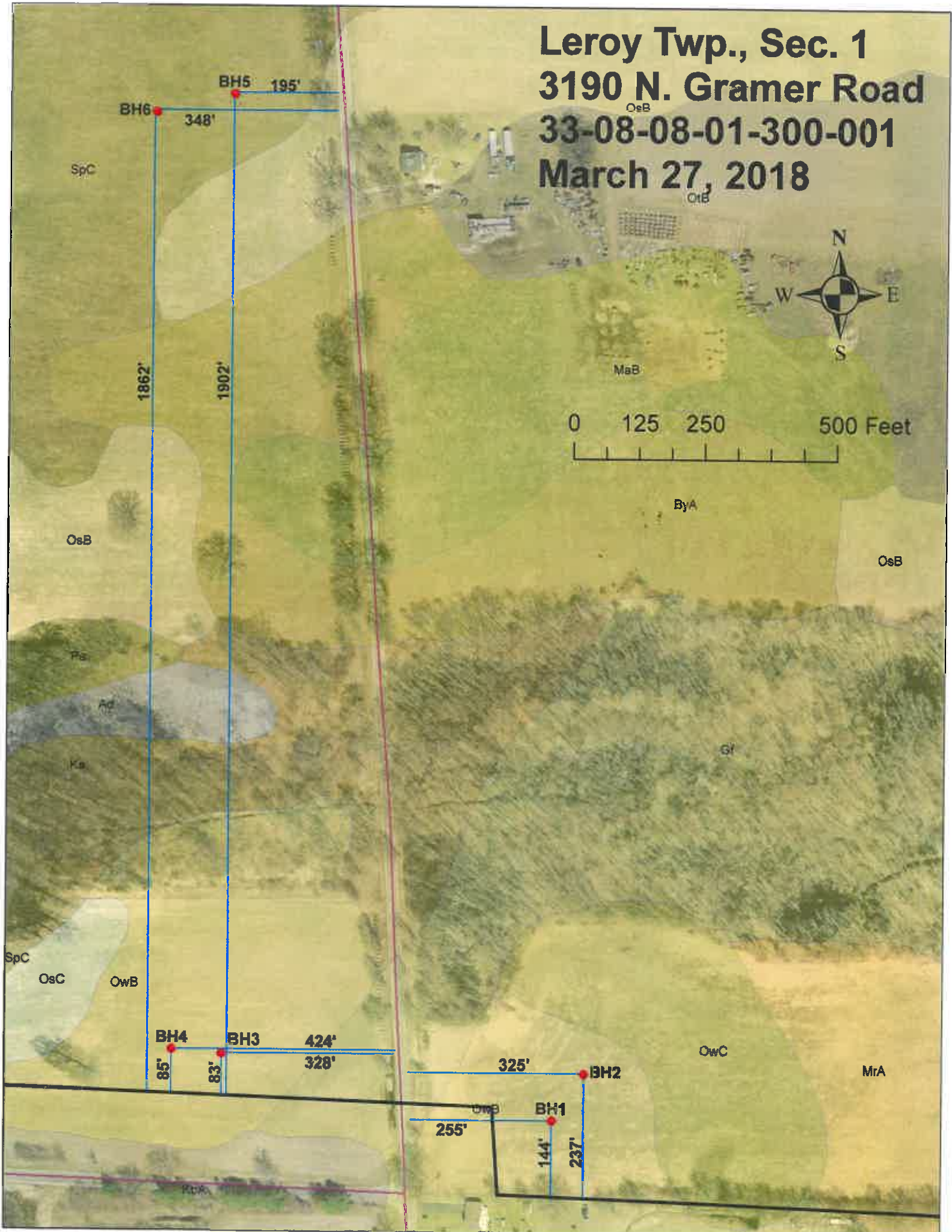


**Leroy Twp., Sec. 1**  
**3190 N. Gramer Road**  
**33-08-08-01-300-001**  
**March 27, 2018**



# SOIL EVALUATION DATA SHEET

Ingham County Health Department

5303 S. Cedar

P.O. Box 30161

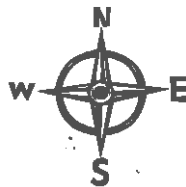
Lansing, MI 48909

517-887-4312

**THIS RECORD SHALL NOT CONSTITUTE A PERMIT**

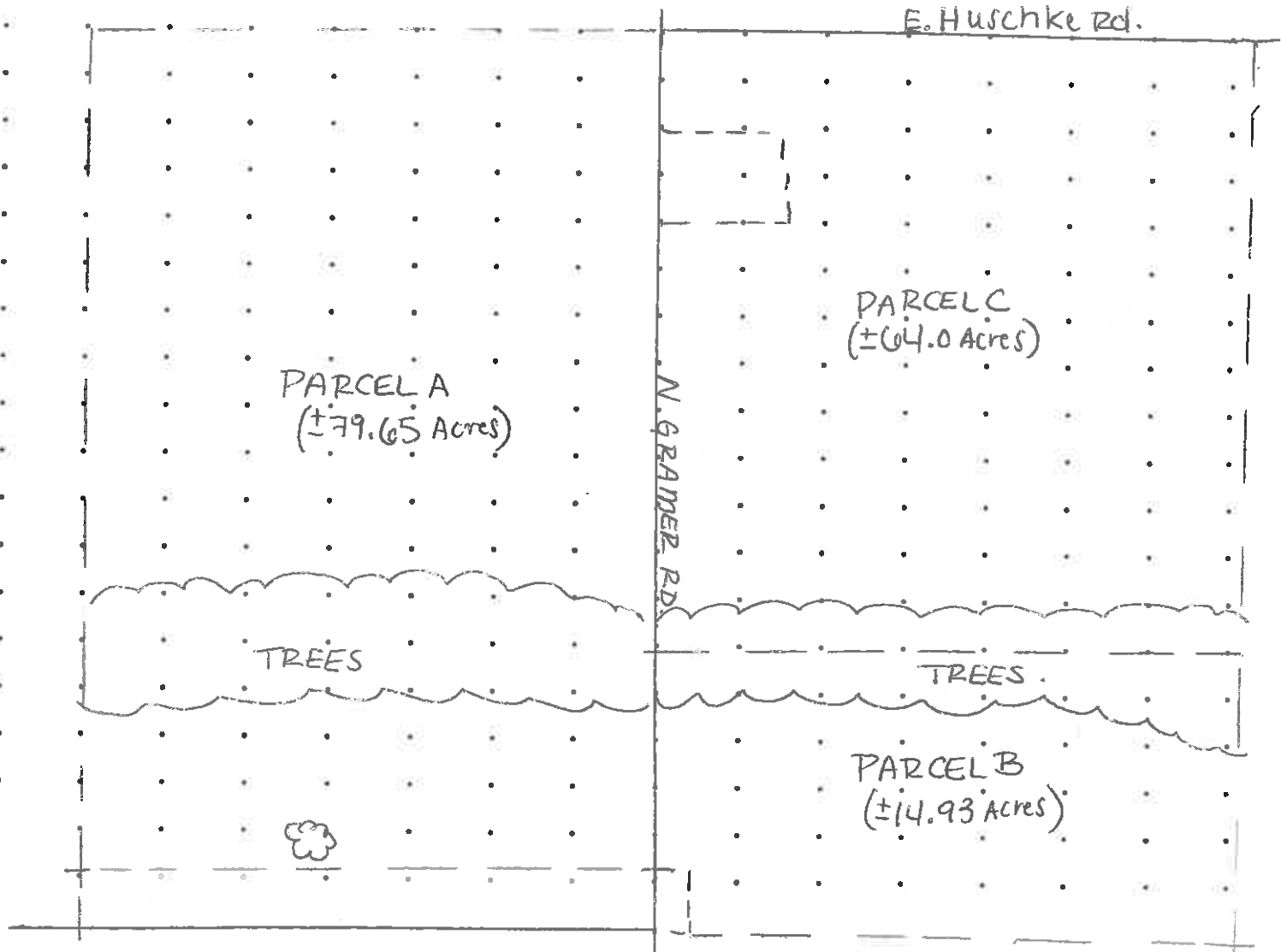
Application # 1-3-18-002 Township: Leroy  
Section: 1 Road Location: N. Gramer Rd.  
Subdivision: M & B Lot # — Side of Road: E & W  
Parcel # 33- 08-08-01-300-003 Parcel Size: 152 Acres Potential Splits: 3  
(PARENT PARCEL) total (PARCEL A, B, C)

## Plot Plan



PARCEL C → NOT  
evaluated.

\* See attached sheet for  
BH locations.



PARCEL B				PARCEL A-2			
Test #	1	2	3	Test #	4	5	6
Type of Test	BH	BH	BH	Type of Test	BH	BH	BH
Depth	90"	90"	48"	Depth	56"	64"	56"
Top Soil Texture	0-10"-LTS	0-8"-LTS	0-8"-LTS	Top Soil Texture	0-11"-LTS	0-10"-LTS	0-10"-LTS
Layer 1	10-20"-CL(NMT) (dull)	8-24"-C(NMT) (dull)	8-18"-CL(NMT)	Layer 1	11-20"-L(NMT)	10-34"-L(NMT)	10-56"-L/LS(NMT) (bright, dry)
Layer 2	20-38"-C/CL(MT) (gray)	24-65"-C(MT) (gray)	18-48"-C(MT)	Layer 2	20-36"-CL(NMT) (gray, heavy)	34-46"-SCL(NMT) (bright)	
Layer 3	38-64"-C(MT) (gray)	65-90"-SiL(MT) (dull, saturated)		Layer 3	36-64"-C(MT)	46-64"-L/LS(NMT) (bright, dry)	
Layer 4	64-90"-SiL(MT) (dull, saturated)			Layer 4	64-74"-SiL(MT) (dull, saturated)		
Layer 5				Layer 5			
Water level				Water level			

PARCEL A

Soil Texture Key

S	Sand	SCL	Sandy Clay Loam	B	Hand Auger Boring
LS	Loamy Sand	SiCL	Silty Clay Loam	BH	Backhoe Cut
SL	Sandy Loam	CL	Clay Loam	TS	Top Soil
L	Loam	C	Clay	MT	Mottling (Seasonal High Water)
SiL	Silty Loam	M	Muck	NMT	No Observed High Water Level
				WL	Water Level Observed

modified conv. ✓ B5+6      Engineered: ✓ B1-4      Denied: \_\_\_\_\_

Comments: PARCEL A: BH 3+4 (South of trees) would be engineered.  
 BH 5+6 (North of trees) would be conventional or  
 modified conventional (deep cut in area of BH 5) → would need  
 PARCEL B: BH 1+2 would be engineered.      to replicate

Sanitarian: Meridian Greegory

Date: 3/22/18



March 27, 2018

Keller Williams  
Attention: Brock Fletcher  
3490 Belle Chase Way  
Lansing, MI 48911

**RE: Septic replacement in Leroy Township, Section 1, North Gramer Road  
Webberville, MI 48892, Application 1-3-18-002, Parcel 33-08-08-01-300-  
003**

Dear Mr. Fletcher:

On March 21, 2018, a site evaluation was conducted at the above mentioned parcel to determine the soils conditions for an on-site sewage treatment system. This evaluation was done in anticipation to the sale of the properties. The results of the evaluation are enclosed in this letter.

**Parcel A** (West side of Gramer Road): Soils in the area of boring 3 and 4 (South of the trees) consisted of clay to silty loam with a seasonal high water level at 18 inches below grade as indicated by soil mottling. Any onsite sewage treatment system in the area of boring 3 and 4 would need to be engineered. Soils in the area of boring 5 and 6 (North of the trees) consisted of sandy clay loam to loamy sand. No seasonal high water level was observed. An onsite sewage treatment system in the area of boring 5 would need to be a modified conventional. Boring 6 passed the minimum requirements for a conventional system contingent on another boring in the area of boring 6 is identified showing the same type of soils.

**Parcel B** (East side of Gramer Road): Soils in the area of boring 1 and 2 consisted of clay loam to silty loam with a seasonal high water level at 20 inches below grade as indicated by soil mottling. Any onsite sewage treatment system in the area of boring 1 and 2 would need to be engineered.

For an engineered onsite sewage treatment system on Parcel A or B, a company from the county's approved Alternative Wastewater Design consultant list must prepare a plan for review by this office. Before a permit can be issued for the wastewater system, the submitted plan, with the application and plan review fee, must be approved by our office.

Parcels A and B are also approved for a potable water well. The well must be drilled according to Part 127 Michigan Water Well Construction and must be drilled by a licensed well driller. A well log must be submitted to this office. These parcels are on or near WAG zones, therefore the wells for these parcels may have specific construction requirements.

**Environmental Health**





**Mr. Brock Fletcher**

**March 27, 2018**

**Page 2**

In closing, you are reminded to keep equipment off the area that was determined to be suitable for sewage disposal system. Protecting the natural condition of the soils is very important to the future operation of your system. If you have any questions or concerns, contact our office at (517) 887-4312.

Sincerely,

**Meredith Gregory**

**Sanitarian**

**Ingham County Environmental Health**

**MG/jr**

**Cc: Leroy Township**

**Enclosure**

