



**Ingham County
Health Department**

Linda S. Vail, MPA, Health Officer

May 6, 2016

Cynthea Smith
941 Delridge
East Lansing, MI 48823

**RE: Vacant Land Evaluation at V/L Gulick Road, Locke Township,
33-03-03-04-300-019, Section 4, Application # 4-4-16-069.**

Dear Ms. Smith:

This letter will confirm the vacant land evaluation conducted on April 27, 2016 at the above referenced property. The purpose of this evaluation was to determine the feasibility of on-site sewage disposal at this site. The results of this evaluation are enclosed.

Four soil borings were made to classify the existing soils and determine the seasonal high water table. The four soil borings showed acceptable soils for the installation of a conventional, shallow on-site septic system. The cuts showed mainly sandy loam over clay loam with a seasonal high water table at about 40".

A detailed, scaled plot plan must be submitted to this office and approved prior to permit issuance. The plan must show all proposed structures, driveway, well, septic tank and drainfields (initial and reserve areas), property lines and flood plain elevation/ wetlands boundaries. This site is also acceptable for a conventional water well. A well/septic permit will need to be issued prior to any building on this site.

In closing, you are reminded to keep any construction equipment off from the proposed septic system area. Protecting the natural condition of the soils is very important to the future operation of the system. If you have any questions or concerns, please contact this office at (517)887-4312.

Sincerely,

Douglas W. Franks
Sanitarian
Environmental Health

DF/mw

Enclosure:

Cc: Williamstown Township

Environmental Health

Ingham County Health Department

P.O. Box 30161

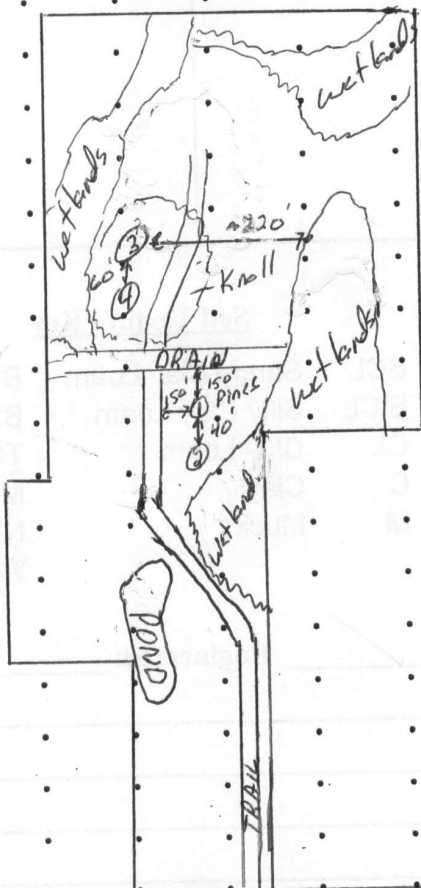
Lansing, MI 48909

THIS RECORD SHALL NOT CONSTITUTE A PERMIT

Section: 4 Road Location: 33-03-03 04 SOE OFI SOE

Parcel # 33-03-03-04-300-019 Parcel Size: 54.7 acms Potential Splits: —

- ① - South of Wetlands Boundary Marker D30 - High ground in Pines.
- ② - 220' west of Wetlands Boundary Marker D187.



Gulick Road.

Test #	1	2	3
Type of Test	B	B	B
Depth	48"	48"	48"
Top Soil Texture	SLTS 0-12"	Same as ①	SLTS 0-10"
Layer 1	(NMT) SL 12-38"		(NMT) SL 10-40"
Layer 2	(MT) CL 38-48"		(MT) SCL 40-48"
Layer 3			
Layer 4			
Layer 5			
Water level	(Dry)	(Dry)	(Dry)
Test #	4		
Type of Test	B		
Depth	48"		
Top Soil Texture	STS 0-10"		
Layer 1	(NMT) M-d.S 10-40"		
Layer 2	(MT) SL/SCL 40-48"		
Layer 3			
Layer 4			
Layer 5			
Water level	(Dry)		

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

Conventional: ☒ Engineered: ☐ Denied: ☐

Comments: _____

Sanitarian: Jeff 2 Rumb

Date: 4/27/16