



Ingham County
Health Department

Linda S. Vail, MPA, Health Officer

December 28, 2017

Gregory Shannon
P.O. Box 40
Haslett, MI 48840

**RE: Vacant Land Evaluation at Shoesmith Road, Williamstown Township, Section 8,
Parcel 33-03-03-08-200-022, Application 12-18-17-297**

Dear Mr. Shannon:

This letter will confirm the vacant land evaluation conducted on December 20, 2017 at the above referenced property. The purpose of this evaluation was to determine the suitability for residential, on-site sewage disposal. The results of this evaluation are enclosed.

Two backhoe cuts were made in the desired building area to classify the existing soils and determine the seasonal high water table. The soils found were sandy loam over sandy clay loam with a seasonal high water table at 24" below original grade. The relatively elevated seasonal high water condition makes the site unacceptable for a conventional in grade septic system.

A conventional well may be installed.

Conventional septic systems installed in the above described conditions may fail prematurely and pose serious public health concerns. The soil borings indicated that any on-site sewage disposal system will have to be engineered. A company from the county's Approved Alternative Wastewater Design Consultants List must prepare a plan for this type of system. The plan must then be reviewed and approved by this office prior to a septic permit being issued. All required applications and fees must also be submitted.

In closing, you are reminded to keep any construction equipment off 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
Ingham County Environmental Health

DF/jr

Encls:

Cc: WilliamstownTownship

Environmental Health

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

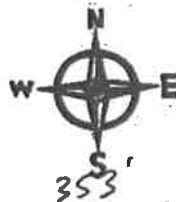
Application # 12-18-17-297 Township: Williamstown

Section: 8 Road Location: Shoosmith Road

Subdivision: M&B Lot # - Side of Road: South

Parcel # 33- 03-03-08-200-022 Parcel Size: 11.66 acrs Potential Splits:

Plot Plan



Shoosmith Road

g

1438'

1100'

Power Lines

Wooded

10.44'

180'

60'

**Ingham County Health Department
Alternative Wastewater Design Consultants**

Boss Engineering 3121 East Grand River Howell, MI 48843 Phone: 517-546-4836	Enger Surveying and Engineering P.O. Box 87, 805 N. Cedar Rd Mason, MI 48854 Phone: 517-676-6565 Fax: 517-676-6675
Foster Trenching Inc. 6440 Wells Road Ashley, MI 48806 Phone: 989-838-2554	KEBS, Inc. 2116 Haslett Road Haslett, MI 48840 Phone: 517-339-1014 Fax: 517-339-8047
Maynard Beery- Soil Scientist 849 N. Aurelius Road Mason, MI 48854 Phone: 517-676-4686 Fax: 517-676-4070	Stephens Consulting Services P.O. Box 708, 1549 Haslett Road Haslett, MI 48840 Phone: 517-339-8692 Fax: 517-339-6330
Wolverine Engineers & Surveyors 312 North Street Mason, MI 48854 Phone: 517-676-9200 Fax: 517-676-9396	

*Provision of this list does not constitute an endorsement of any Designer or Contractor by ICHD or guarantee approval of any design.