



Linda S. Vail, MPA, Health Officer
Sugandha Lowhim, MD, MPH, Medical Director

September 22, 2014

Mr. Victor Rosendale
6221 Findlay Road
St. Johns, MI 48879

RE: Soil Evaluation in Wheatfield Township, Section 11, 2 splits East of 1636 Linn Road, Parcel # 33-07-07-11-100-002, Application # 8-22-14-192.

Dear Mr. Rosendale:

On September 16, 2014, a soil evaluation was conducted to determine the soil conditions for the above referenced property for an on-site sewage treatment system. This parcel was evaluated in anticipation of the construction of 2 single family dwellings on 2 splits east of 1636 Linn Road. The results of the evaluations are enclosed in this letter and on the attached Soil Evaluation Data Sheet.

West Split. Three backhoe cuts were made on the lot to find a suitable area for wastewater treatment. Backhoe cuts 1, 2, and 3 did meet the minimum Ingham County requirements for a conventional wastewater treatment system. Soils at this site include a sandy loam to clay loamy soil with no evidence of a seasonal high water level within 46 inches from original grade. The elevation of the sewer line out of the home must be high enough to have no more than 12 to 18 inches of cover over the top of the drainfield stone. One foot of 2ns sand may be required under the stone.

East Split. Two backhoe cuts were made on the lot to find a suitable area for wastewater treatment. Backhoe cuts 4 and 5 did meet the minimum Ingham County requirements for a conventional wastewater treatment system. Soils at this site include a sandy loam to clay loamy soil with no evidence of a seasonal high water level within 50 inches from original grade. The elevation of the sewer line out of the home must be high enough to have no more than 12 to 18 inches of cover over the top of the drainfield stone.

Both splits are also approved for a potable water supply well. A permit for a new well and septic will need to be obtained from this office with the appropriate fees. A site plan for the construction of the both homes must be submitted to this office prior to the issuance of a permit.

In closing, you are reminded to keep equipment off the area that was determined to be suitable for a sewage treatment 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,


Lisa McGiveron, M.S., REHS.
Environmental Health

LM/mw

CC: Wheatfield Township

Enclosure

Environmental Health
5303 South Cedar Street ♦ Lansing ♦ MI 48911
Phone: (517) 887-4312 ♦ Fax: (517) 887-4560 ♦ <http://hd.ingham.org/Home/EnvironmentalHealth.aspx>
Ingham County is an Equal Opportunity Employer

SOIL EVALUATION DATA SHEET

Ingham County Health Department
P.O. Box 30161 Lansing, MI 48909

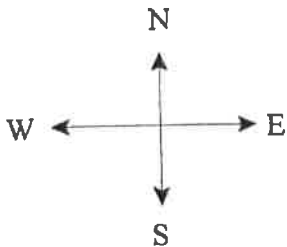
THIS RECORD SHALL NOT CONSTITUTE A PERMIT

Requested by: Victor Rosendale
Address: 6221 Findlay Rd.
St. Johns MI 48879
Phone # 517-388-1148

Application # 8-22-14-192
Township wheatfield Section 11
Road Location: East of
1636 Linn Rd
Subdivision: M&B

☒ Land Owner
☐ Prospective Buyer
☐ Installer
☐ Realtor
☐ Builder
☐ Other

Lot # _____ Side of Road S
File Search _____
Parcel No 33- 07-07-11-100-002
Soil Survey Sheet No. _____
Parcel Size _____ Potential Splits 2



PLOT PLAN

See Map

Road Location: East of 1636 Linn RdApplication # 8-22-14-192

Test #	1	2	3	4	5
Type of Test	BH	BH	BH	BH	BH
Depth	5'	6'	6'	7'	6'
Each test hole located on Plot Plan by number	0-6" LTB 6-12" LNmt 12-42" SL-L Nmt 42-46" SLmt 46" CL mt -5' No H ₂ O Observed	0-7" LTB 7-11" LNmt 11-40" SL-L Nmt 40"-6' CL mt No H ₂ O Observed	0-7" LTB 7-18" LNmt 18-30" SL-L Nmt 30"-6' CL mt No H ₂ O Observed	0-9" LTB 9-50" SL-L Nmt 50"-7' CL mt No H ₂ O Observed	6-7" LTB 7"-40" SL-L Nmt 40"-6' CL mt No H ₂ O Observed

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	Seasonal High Water (mottling)
Sil	Silty Loam	M	Muck	WL	Water Level Observed (saturation)
				NS	No Observed Seasonal High Water Level

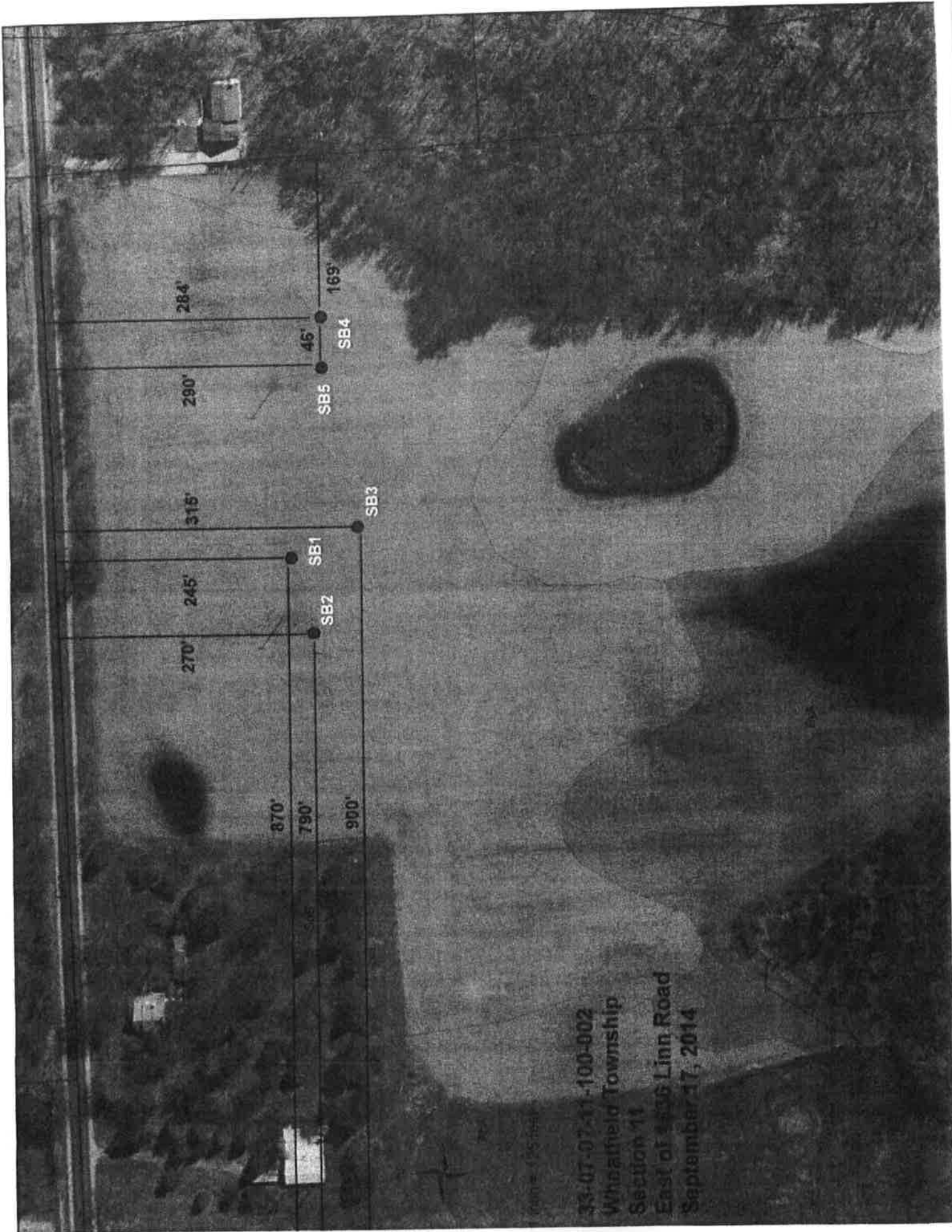
Limitations of the site that affect use of on-site subsurface sewage disposal:

- ☐ 1) Severely restrictive soil features.
- ☐ 2) Impervious layer within 48" of ground surface.
- ☐ 3) High seasonal water level.
- ☐ 4) Wet depressions or poor surface drainage.
- ☐ 5) Slope limitations (exceeds %).
- ☐ 6) Overflow of run-off water from adjacent higher areas.
- ☐ 7) Insufficient space for replacement of drainfield.
- ☐ 8) Insufficient isolation distance from _____.

Comments: all Backhoe cuttings are approved for
a shallow conventional system

Observer: Vic Rosendall
Jeff Thantun.

Sanitarian: Lee NiguenDate: 9/17/14



1 inch = 195 feet

33-07-07-11-100-002
Whitfield Township
Section 11
East of 436 Linn Road
September 17, 2014

EH - ONLINE ADMINISTRATION

Home	Inquiries	Other Payments	Table Maintenance	Change Password	Logout
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[Close Window](#)

APP 8-22-14-192

Application Edit

Save	Cancel	Delete
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Order #	1871	Application Date	08/21/2014
Contact Person	Victor Rosendale	Home Phone	(517) 388-1148
Address	6221 Findlay Rd.	Work Phone	5173315414
City	St. Johns	Cell Phone	517-388-1148
E-mail	vlcsuzjoncolnic@aol.com	Zip	48879
Additional Information		Fax	

Evaluation/Permit Choice(s)

☒ Vacant Land Evaluation
☐ New Septic Permit
☐ New Well Permit

☐ Septic Repair/Replace
☐ Well Repair/Replace
☐ Irrigation Well (N/C)

☐ New Well & Septic Permit
☐ All System Plan Review
☐ Septic Tank Replacement Only
☐ Well & Septic Repair

Property Information

Township	Wheatfield	Section	Parcel #	33-07-07-11-100-002
Subdivision		Lot #	Cross Street	Corwin Rd.
Parcel Size	660 X 660	# of Acres	Side of Road	S
Property Type	<input checked="" type="radio"/> Residential <input type="radio"/> Commercial			
Site Address	1636 Inn Rd.	# of Bedrooms		
Present Owner	Victor Rosendale			
Buyer		Has land been previously evaluated?		No
Comments				

Payment Information

Amount Due	580.00	Check #	
Payment Type		Date Paid	
Amount Paid		Receipt #	
Received By			

