Application No:

S-43269

Lombardo Tract



#### COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

### SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ONLOT DISPOSAL OF SEWAGE

ER-BWQ-290 Appendix A

Municipality: Grove Township

County: Cameron

1 16											
Site Location: Benson Road (4-32-0			-015-000-C0	G-000)	Subdivi	sion Name: <sub>.</sub>	Botom of H	<u>ill                                   </u>	Lot#	East	
		Soil Type:	BxD	Slope:	<u>24%</u>	Limiting Zor	ne Depth:	78		Perc. Rate	= 21.7
CHITARIE					or Ponded	Water 🗂	Bedrock	<b>F</b> Fractu	res 🕝 Coa	arse Fragme	ents
□ UN	SUITAB	LE FP	erc. Rate	□ Slope	e l Un	stabilized F	ill F	loodway	✓ Other:	None to 78"	i
										None to 70	
SOILS DE	SCRIPTION	:									
	Soils Desci	ription Comp	oleted by:	Russ Bra	un, SEO		Date:	15-Se	ep-19		
		Inches									
0	TO	4		Black / Dark	Brown Silt	Loam / Fore	est Duff			,	
4	ТО	49		Dark Yellow	vish Brown C	Channerly (S	S) Silt Loam			Depth To Li	miting
49	то	78		Dark Brown	Very Chani	nerly (SS) Si	It Clay Loan	1		Zone:	
	ТО			to 78-inche:	s at pit botto	m				78	Inches
	Comments:										
PERCOLA	ATION TEST	⁻: on Test Com	nleted By:	Russ Br	aun SEO		Date:	9- <b>A</b> p	or-21		
	reicolatic	iii rest com	pieted by.	Nuss Di	auri, olo		Duto.			en	
Weather	Weather Conditions: Felow 40 For For For Rain, Sleet, Snow-last 24										
Soil Conditions: Moist Dry Frozen											
	and the same of th			Reading	Reading	Reading	Reading	Reading	Reading	Reading	Reading
	***	***	D. william	#1	# 2	#3	# 4 Inches of	# 5 Inches of	# 6 Inches of	# 7 Inches of	# 8 Inches of
Hole #	Yes	No	Reading interval	Inches of Drop	Inches of Drop	Inches of Drop	Drop	Drop	Drop	Drop	Drop
TIOIC W	103	1.0				4.05					

	***	***	Reading	Reading # 1 Inches of	Reading # 2 Inches of	Reading # 3 Inches of	Reading # 4 Inches of	Reading # 5 Inches of	Reading # 6 Inches of	Reading # 7 Inches of Drop	Reading # 8 Inches of Drop
Hole #	Yes	No	interval	Drop	Drop	Drop	Drop	Drop	Drop	Бгор	ыор
1	X		30	1	1	1.25	1				
2	X		30	1.75	1.5	1.5	1.5				
3	X		30	1.25	1.25	1.25	1				
4		Х	30	2	2	2	2				
5	X		30	1.5	1.5	1.25	1.5				
6		X	30	2	2	2	2				

<sup>\*\*\*</sup> Water remaining in the hole at the end of the final 30-minute presoak? Yes, use 30-minute interval. No, use 10-minute interval.

### Calculation of Average Percolation Rate:

Perc. Rate Depth of Drop During as Min. per Hole Hole # Final Period Inch 30.0 12" 1 1 12" 2 1.5 20.0 12" 3 30.0 1 12" 4 2 15.0 5 1.5 20.0 12" 12" 15.0 6

TOTAL NO. OF HOLES

130 = 21.7 Min/inch TOTAL OF MIN / IN

6

The information provided is the true and correct result of tests conducted by me, performed under my personal supervision, or verified in a manner approved by the Department.

Sewage Enforcement Officer

Application No:

Rev..3/09 (RB)

S-43269

Lombardo Tract



## COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

# SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ONLOT DISPOSAL OF SEWAGE

ER-BWQ-290 Appendix A

Municipality: Grove Township

County: Cameron

Site Location:	Benson Road (4-3	2-0-015-000-CG-000)	Subdivision Name:	-Top Of Hill	Lot#_ West			
	Soil Type: LeF	Slope: 24%	Limiting Zone Depth:	78	Perc. Rate = 21.7			
SUITABL		a decisioned	Water F Bedrock	Fractures	oarse Fragments			
UNSUITA	BLE Perc. Ra	e 「Slope 「U	nstabilized Fill F	Floodway 🔽 Other	r: None to 78"			
SOILS DESCRIPTION	ON:							
Soils De	scription Completed b	y: Russ Braun, SEO	Date:	15-Sep-19				
Inches	Inches		tion of Soil Horizions					
0TO	24	Dark Yellowish Brown	Flaggy Silt Loam / Fores	st Duff				
TO	78	Dark Yellowish Brown	Dark Yellowish Brown Very Channerly / Flaggy (SS) Silt Loam					
78 TO		to Pit Bottom			Zone:			
ТО					78 Inches			
Comment	s:							
PERCOLATION TE		By:Russ Braun, SEO	Date:	9-Apr-21				
Weather Condition	ns: Felow 40	▼ 40 F or	ry 『 Rain, Sleet, Sn	ow- last 24				
Soil Conditions:	Moist	Dry Frozen						
***	*** Readii	Reading Reading #1 #2 g Inches of Inches of	Reading Reading # 3 # 4 Inches of Inches of	Reading Reading # 5 # 6 Inches of Inches of	#7 #8			

				Reading # 1	Reading # 2	Reading # 3	Reading # 4	Reading # 5	Reading # 6	Reading # 7	Reading # 8
Hole #	*** Yes	*** No	Reading interval	Inches of Drop							
1	Х		30	2.25	2	2	2				
2	Х		30	1.25	1	1	1				
3	Х		30	1.25	1.25	1	1				
4	Х		30	1	0.75	0.75	0.75				
5	Х		30	0.75	1	1	75				
6	Х		30	2.25	2.25	2	2				

<sup>\*\*\*</sup> Water remaining in the hole at the end of the final 30-minute presoak? Yes, use 30-minute interval: No, use 10-minute interval.

### Calculation of Average Percolation Rate:

Hole #	Drop During Final Period	Perc. Rate as Min. per Inch	Depth of Hole
1	2	15.0	12"
2	1	30.0	12"
3	1	30.0	12"
4	0.75	40.0	12"
5	75	0.4	12"
6	2	15.0	12"

TOTAL OF MIN / IN 130.4 = 21.7 Min/inch

The information provided is the true and correct result of tests conducted by me, performed under my personal supervision, or verified in a manner approved by the Department.

Sewage Enforcement Officer

TOTAL NO. OF HOLES