

Busey Road - Violet Twp - Fairfield Co

Locations of Proposed on-site sewage treatment and Dispersal Fields and Test Holes for a lot split at 7450 Busey Road in Violet Township Fairfield County, Ohio.



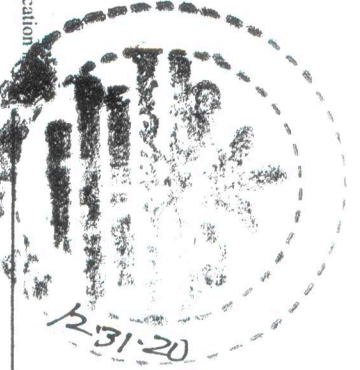
Site and Soil Evaluation for Sewage Treatment and Dispersal

County: Fairfield
 Township (Sec): Violet
 Property Address/Location: 7450 Bussey Rd. NW

Land Use / Vegetation: Steadland
 Landform: Glaciated upland
 Position on Landform: Lower side slope of knoll
 Percent Slope: 2 to 4%
 Shape of Slope: linear

Applicant Name: Jeff Kowheny, County Realty
 Address: 3451 Cincinnati Ave, Villa
 Phone #: 614 989-9394
 Cell #: 614 989-9394
 Lot #: 2
 Test Hole #: 2
 Latitude/Longitude: _____
 Method: Pit Auger Probe

Date: 5-13-20
 Evaluator: Kerry Jones
 Signature: [Signature]
 Title: Soil Investigator
 Phone #: 740 985-3254



Soil Profile	Depth (inches)	Matrix Color	Estimating Soil Saturation			Class	Texture			Estimating Soil Permeability			Structure	Type (shape)	Consistence	Other Soil Features
			Munsell Color (hue, value, chroma)	Redoximorphic Features	Concentrations		Depletions	Approx. % Clay	Approx. % Fragments	Grade	Size					
Ap	0-9	10YR 4/3				Sil	20	-	2	F+M	Gr	Fr				
BH	9-14	10YR 4/4			40% 10YR 5/2	SicL	30	-	2	F+M	SbK	F _i			Common Mn stains	
Bt ₂	14-30	10YR 5/4			30% 10YR 5/2	SicL	35	-	2	M	SbK	F _i			Few Mn stains	
Bt ₃	30-37	10YR 5/4			40% 10YR 5/2	SicL	35	Few	2	M	SbK	F _i				
Bc _g	37-49	5Y 9/3 10YR 5/2			20% 10YR 5/2	SicL	35	Few	1	M	SbK	F _i				
Cd	49-52	10YR 4/4			10YR 5/2	Cl	30	5	0	M	M	VF _i				

*** Mr. Rosener and The Fairfield Department of Health will select the final loading rates used to design the sewage system.**

*** The evaluation shall include a complete site plan or site drawing including all requirements in paragraphs (B)(1) through (B)(4) of OAC 3701-29-08.**

*** Basal loading rate of 0.8 gals/dw/ft² BOD < 30 mg/L**

*** Linear loading rate of 2.7 gals/dw/ft**

Limiting Conditions: _____
 Perched Seasonal Water Table: 9
 Apparent Water Table: 9
 Highly Permeable Material: > 52
 Bedrock: 49
 Restrictive Layer: 49

Descriptive Notes: Perched on clay/ill

Remarks / Risk Factors: Benign for soil
There are no drains in this area
Subsist face drains in this area
Loading rates based on system installed
3 inches below the soil surface with a
generator

Site and Soil Evaluation for Sewage Treatment and Dispersal



County: Fairfield Land Use / Vegetation: Crop land
 Township / Precinct: Wesley Landform: Glaciated upland
 Property Address: 7450 Bussey Rd. NW Position on Landform: Slope of knoll
 Applicant Name: Jeff Longberry Country: USA Percent Slope: 2 to 4
 Address: 3451 Cincinnati County: Ohio Slope: linear
 Call Phone #: 614 989-9394 Date: 5-13-20
 Lot #: 1 Evaluator: Kerry Jones
 Test Hole #: 1 Signature: [Signature]
 Latitude/longitude: 43° 31' 30" N, 81° 51' 30" W Certification Stamp or Certification #: 740 965-3254
 Method: Pit Auger Probe

Soil Profile	Estimating Soil Saturation				Estimating Soil Permeability					
	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Texture	Structure	Consistence	Other Soil Features	
Ap	0-9	10YR 4/3		45% 10YR 5/3	Sil	20	2	FHM	GI	Ff
BT1	9-15	10YR 5/6		30% 10YR 5/2	Silcl	30	2	FHM	SbH	Ff
BT2	15-34	10YR 5/6		30% 10YR 5/2	Silcl	35	2	H	SbH	Ff
Bc	34-51	10YR 5/4		30% 10YR 5/2	Silcl	35	1	H	SbH	Ff
cd	51-55	10YR 4/4		15% 10YR 5/3	Cl	30	0	M	M	VF, Common M stains

Limiting Conditions: Depth to (in.) 9 Descriptive Notes: Perched on Glacial Till Remarks / Risk Factors: Bearding for soil from the top and there could be agricultural
 Perched Seasonal Water Table: 9
 Apparent Water Table: 9
 Highly Permeable Material: SSS
 Bedrock: 51
 Restrictive Layer: Glacial Till

X The Designer and The Fairfield Department of Health will select the final loading rates used to design the sewer system

On aerator: 2.8 gals/del ft² (BDD < 30 mg/l)

Basal loading rate of 2.7 gals/del ft²

kiner loading rate of 2.7 gals/del ft²