# Soil and Environmental Consulting Services, Inc.



Friday, October 25, 2024

Chip Carpenter
United Country Real Estate and Auction Se chip@ucrealestateandauction.com
740-965-1208 | 614-206-1135

Re: Soil investigation for on-site septic disposal for the parcel splits north of 1469 Township Road 165, Peru Township, Morrow County, Ohio

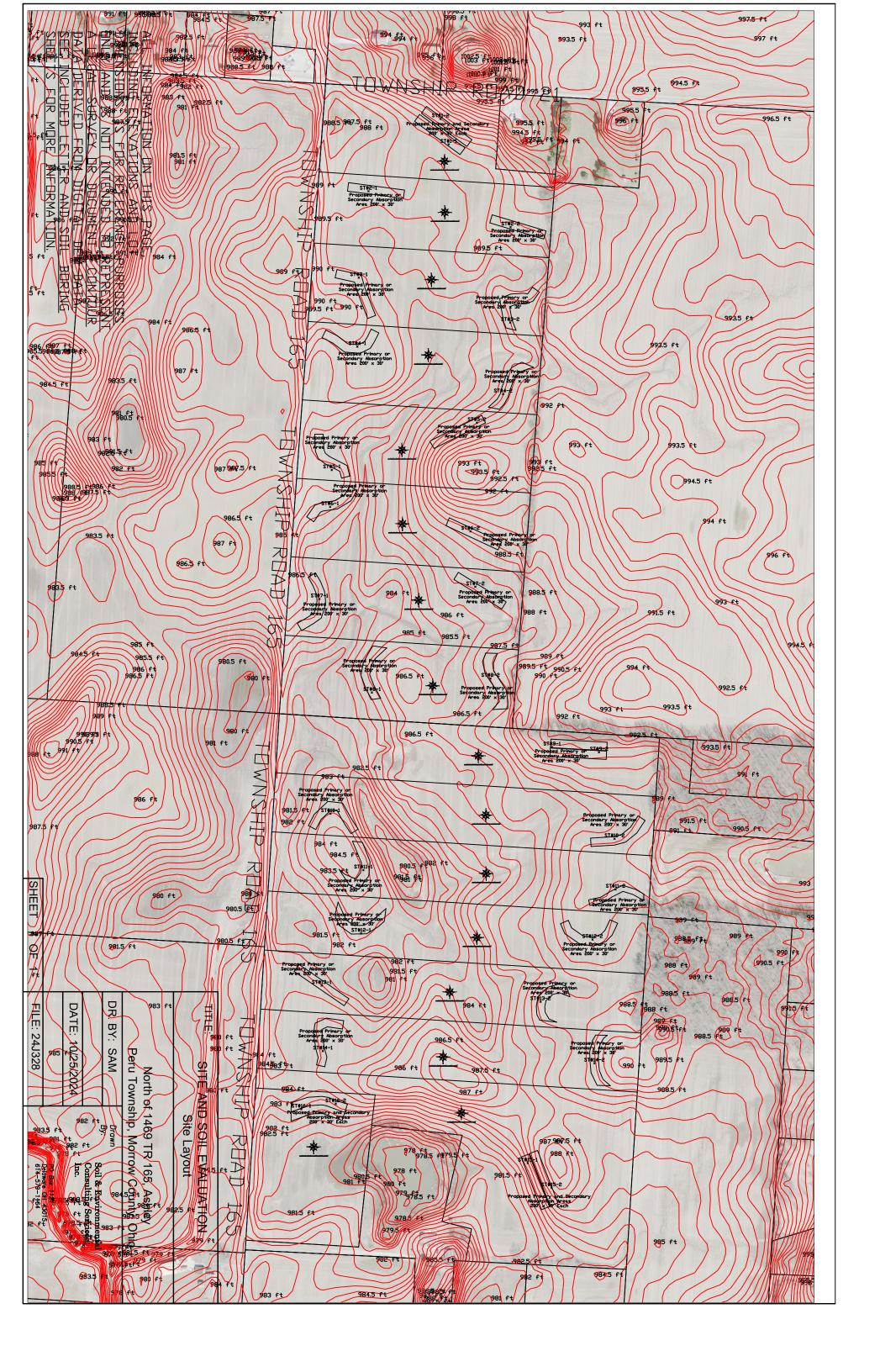
Enclosed you will find the requested detailed soil for the parcel splits north of 1469 Township Road 165, Peru Township, Morrow County, Ohio.

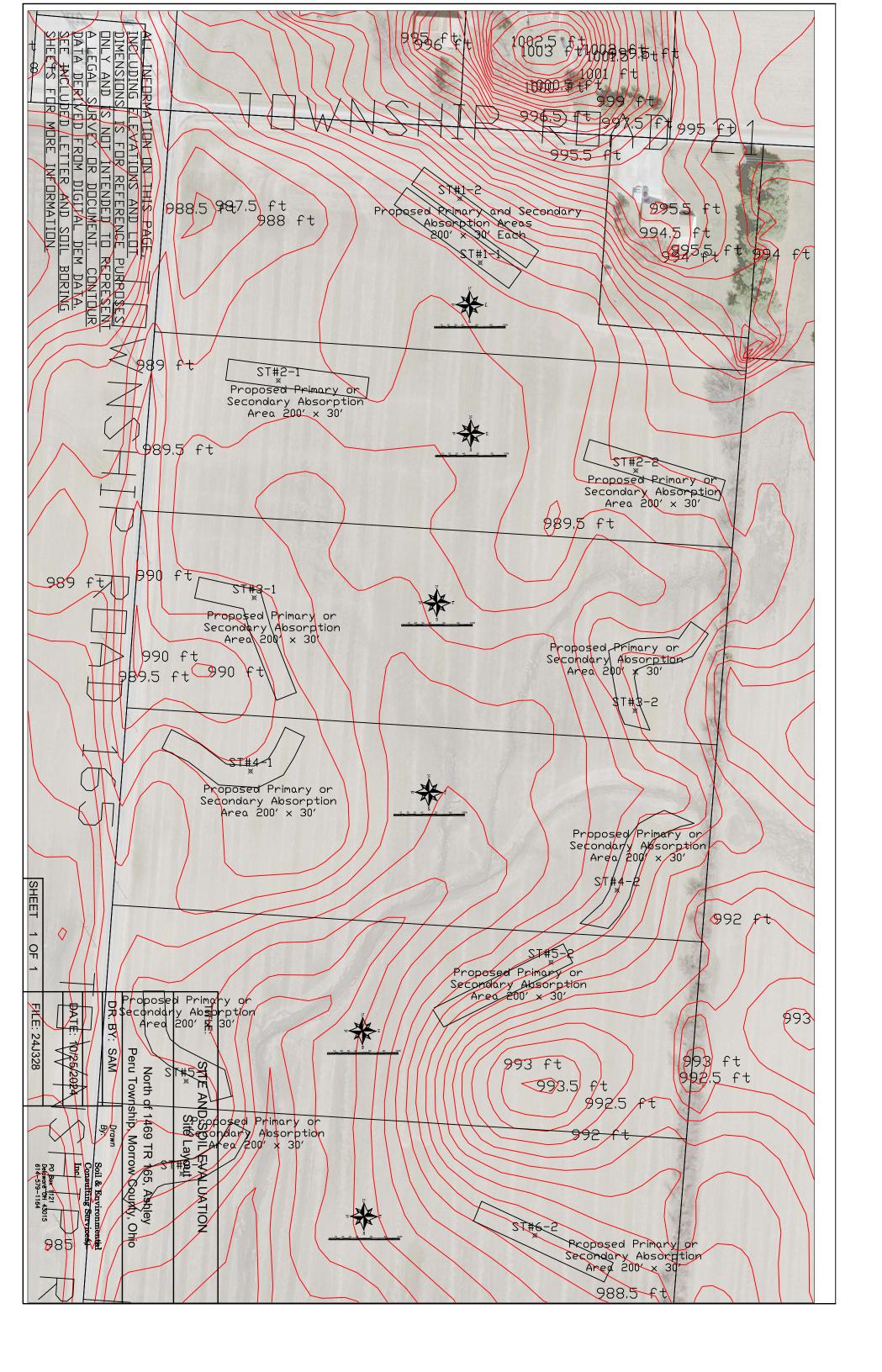
The soils of the selected sites were mapped and described on the enclosed sheets for your records. The locations of the soil borings have been located using GPS and the locations have been delineated on the enclosed map. Copies of this letter, soil boring descriptions, sketch, and system drawing should be submitted to local health department. The health department will make the determination if the soil and site area is suitable for onsite sewage treatment. It may also be necessary for the soil borings to be located by a surveyor.

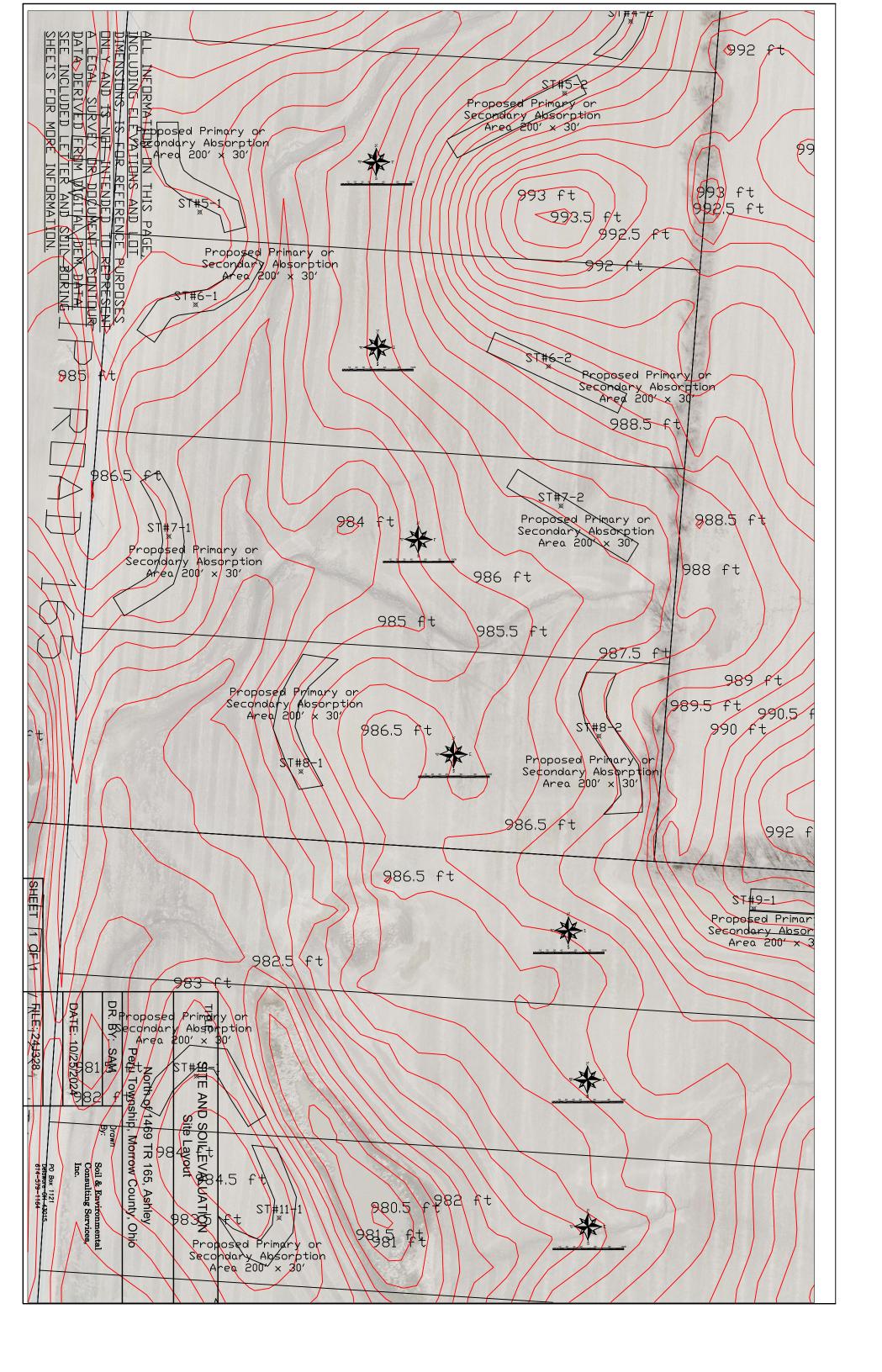
Please protect all areas approved for septic disposal by having the contractor stake and rope off the proposed locations prior to driveway and basement excavation. No soil, building, or waste material should be stored on the proposed absorption areas. Disturbance to the areas may result in compaction and the subsequent failure of the system. Any disturbance to the absorption area voids the results of this analysis.

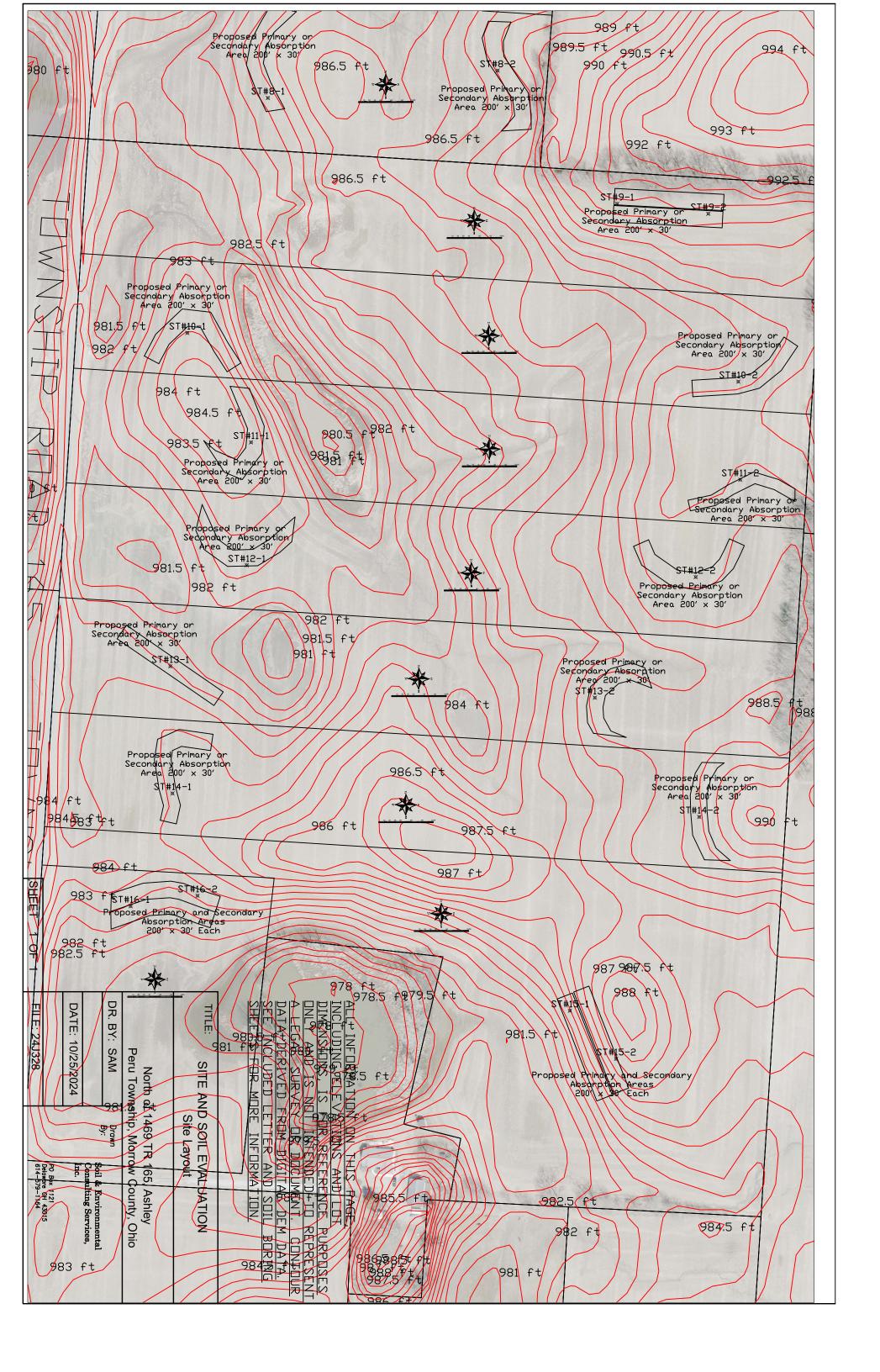
If you have any questions or want to move forward with the septic design process feel free to contact us.

Steven Miller, CPSS









Landforms
Upland*
Terrace
Flood Plain
Lake Pain
Beach Ridge
*Includes glacial till
plain and end moraine

Position on Landform
Depression
Flat
Knoll
Crest
Hillslope
Footslope

Shape of Slope	
Convex	
Concave	
Linear	
Complex	

	Horizon Nomenclature							
	Master Horizons		Horizon Suffixes		Horizon Modifiers			
О	Predominantly organic matter (litter &	a	Highly decomposed organic matter					
	humus)	b	Buried genetic horizon		Numerical Prefixes: Used to denote			
A	Mineral, organic matter (humus)	d	Densic layer (physically root restrictive)		lithologic discontinuities.			
	accumulation, loss of Fe, Al, clay	e	Moderately decomposed organic matter					
Е	Mineral, loss of Si, Fe, Al, clay, organic	g	Strong gley					
	matter	i	Slightly decomposed organic matter		Numerical Suffixes: Used to denote			
В	Subsurface accumulation of clay, Fe, Al, Si,	p	Plow layer or artificial disturbance		subdivisions within a master			
	humus; sesquioxides; loss of CaCo <sub>3</sub> ;	r	Weathered or soft bedrock		horizon.			
	subsurface soil structure	t	Illuvial accumulation of silicate clay					
С		W	Weak color or structure within B					
	Little or no pedogenic alteration,	X	Fragipan characteristics					
	unconsoilidated earthy material, soft bedrock	-	-					
R	Hard bedrock							

	Soil	Texture	
Texture Class Abbreviati	ons	Textural Class Modifiers	
Course Sand	Course Sand cos		GR
Sand	S	Fine Gravelly	FGR
Fine Sand	fs	Medium Gravelly	MGR
Very Fine Sand	vfs	Coarse Gravelly	CGR
Loamy Coarse Sand	lcos	Very Gravelly	VGR
Loamy Sand	ls	Extremely Gravelly	XGR
Loamy Fine Sand	lfs	Cobbly	СВ
Loamy Very Fine Sand	lvfs	Very Cobbly	VCB
Coarse Sandy Loam	cosl	Extremely Cobbly	XCB
Sandy Loam	sl	Stony	ST
Fine Sandy Loam	fsl	Very Stony	VST
Very Fine Sandy Loam	vfsl	Extremely Stony	XST
Loam	1	Bouldery	BY
Silt Loam	sil	Very Bouldery	VBY
Silt	si	Extremely Bouldery	XBY
Sandy Clay Loam	scl	Channery	CN
Clay Loam	cl	Very Channery	VCN
Silty Clay Loam	sicl	Extremely Channery	XCN
Sandy Clay	sc	Flaggy	FL
Silty Clay	sic	Very Flaggy	VFL
Clay	c	Extremely Flaggy	XFL
*Estimate approximate c	lay perc		

Soil Structure									
Grade		Size		Type (Shape)					
Structureless	0	Very Fine vf		Granular	gr				
Weak	1	Fine	f	Angular Blocky	abk				
Moderate	2	Medium m		Subangular Blocky	sbk				
Strong	3	Coarse co		Platy	pl				
		Very Coarse vo		Prismatic	pr				
		Extr. Coarse	ec	Columnar	cpr				
		Very Thin*	vn	Single Grain	sg				
		Thin*	tn	Massive	m				
		Thick*	tk	Cloddy	CDY				
		Very Thick*	vk		-				

\* The sizes Very Thin, Thin, Thick, and Very Thick, are used when describing platy structure only. Substitute thin for fine, and thick for coarse when describing platy structure.

Moist Consistence						
Loose	1					
Very Friable	vfr					
Friable	fr					
Firm	fi					
Very Firm	vfi					
Extremely Firm	efi					

For a more detailed explanation on describing and sampling soils, please refer to the "Field Book for Describing and Sampling Soils" Schoeneberger, P.J., Wysocki, D.A., Benham, E.C., and Broderson, W.D. (editors) 2002. Field book for describing and sampling soils, version 2.0. Natural Resources Conservation Service, USDA, National Soil Survey Center, Lincoln, NE.

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	and the state of t
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	2.0%	(cacpaes)
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	In the second second
Address:		Bedrooms or GPD:	4	STEVENA MILLER
_		Date:	Friday, October 18, 2024	CERTIFIED PROFESSIONAL /
Phone #:		Evaluator:	Steven Miller, CPSSc	1 0 0 300 300 300
Lot #:	<u>_</u>		Soil & Environmental Consulting, Inc.	Signature: 38423
Test Hole #:	1-1		P.O. Box 1121	with V Joseph
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	Pit Auger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
		Soil Series:		

Soil Profile		Estimating Soil Saturation  Munsell Color (hue, value, chroma)				Estimating Soil Permeability						
				phic Features		Texture Structure						
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 6	10YR 4/3			sil	20	2	1	m	gr	fr	
Bt1	6 to 19	10YR 5/3		20%10YR 5/2	sicl	30	2	2	m	sbk	fi	
Bt2	19 to 32	10YR 5/4		25%10yR 5/2	sicl	38	2	2	m	sbk	fi	
ВС	32 to 37	10YR 5/4		30%!0YR 5/2	sicl	35	5	1	m	sbk	fi	
Cd	37+	10YR 4/4		25%10YR 5/2	cl	32	5	0		m	vfi	
Limiting (	Conditions	Depth (ir	n)	Description	_			Rema	rks / Risk Fac	etors:		
erched Seasonal		6	perc	hed on glacial till	Surface wa	ter should be di	verted around s	system. Subsurt	ace ag drainag	e may be pro	esent.	
pparent Water T		>60										
ighly Permeable	Material	>60										
estrictive Layer		>60		glacial till								

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	2.0%	(cacpaes)
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	
Address:		Bedrooms or GPD:	4	STEVEN A MILLER
_		Date:	Friday, October 18, 2024	CERTIFIED PROFESSIONAL /
Phone #:		Evaluator:	Steven Miller, CPSSc	1 O SOLESIANIS
Lot #:	<u>_</u>		Soil & Environmental Consulting, Inc.	Signature: Signature: 3842
Test Hole #:	1-2		P.O. Box 1121	
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	PitAuger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_	<u> </u>	Soil Series:		•

Soil 1	Profile		mating Soil Satur			Estimating Soil Permeability						
		Munsell Color (hue, value, chroma)										
			Redoximorp	ohic Features		Texture			Structure			
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 9	10YR 4/3			sil	20	2	1	m	gr	fr	
AB	9 to 11	10YR 3/3 10YR 5/4		15%!0YR 5/2	sil	25	2	2	m	sbk	fi	
Bt	11 to 25	10YR 5/4		20%10YR 5/2	sicl	36	2	2	m	sbk	fi	
ВС	25 to 30	10YR 5/4		25%10YR 5/2	sicl	34	5	1	m	sbk	fi	
Cd	30+	10YR 4/4		20%10YR 5/2	cl	32	5	0		m	vfi	
Limiting	Conditions	Depth (in) Description Remarks / Risk Factors:										
Perched Seasonal		9	perc	hed on glacial till	ial till Surface water should be diverted around system. Subsurface ag drainage may be pres		esent.					
Apparent Water T		>60										
Highly Permeable	Material	>60										
Bedrock		>60										
Restrictive Layer 30 glacial till		glacial till	1									

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	0.5%	(cacpaes)
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	
Address:		Bedrooms or GPD:	4	STEVEN A MILLER
_		Date:	Friday, October 18, 2024	CERTIFIED PROFESSIONAL I
Phone #:		Evaluator:	Steven Miller, CPSSc	1 0 0 300
Lot #:	<u>_</u>		Soil & Environmental Consulting, Inc.	Signature: 38423
Test Hole #:	2-1		P.O. Box 1121	with V J J J
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	PitAuger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_	<del>_</del> _	Soil Series:		•

Soil 1	Profile		mating Soil Satur				Estimatir	ng Soil Permeal	bility				
		Munsell	Color (hue, value										
			Redoximorp	ohic Features	Texture		Structure						
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features	
Ap	0 to 6	10YR 3.5/3			sil	20	2	1	m	gr	fr		
AB	6 to 12	10YR 3/2 10YR 5/4		25%10yr 5/2	sil	25	2	2	m	sbk	fi		
Btg	12 to 50	10YR 5/2		25%01YR 5/1	sicl	38	2	2	m	sbk	fi		
ВС	50 to 55	10YR 5/3		30%10YR 5/1	sicl	36	5	1	m	sbk	fi		
Cd	55+	10YR 4/3		35%10YR 6/1	cl	35	5	0		m	vfi		
	Conditions	Depth (in		Description	Remarks / Risk Factors:								
Perched Seasonal		6	perc	hed on glacial till	Surface water should be diverted around system. Subsurface ag drainage may be present.								
Apparent Water T		>60											
Highly Permeable	Material	>60											
Bedrock		>60											
Restrictive Layer		55		glacial till	till								

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	and the second
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	1/20
	Ashley	Percent Slope:	1.0%	( cacpaes)
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	
Address:		Bedrooms or GPD:	4	STEVEN A MILLER
_		Date:	Friday, October 18, 2024	CERTIFIED PROFESSIONAL
Phone #:		Evaluator:	Steven Miller, CPSSc	1 0 0
Lot #:	<u>_</u>	Soi	il & Environmental Consulting, Inc.	Signature: 2842
Test Hole #:	2-2		P.O. Box 1121	
Latitude/Longitude:		_	Delaware OH 43015	Phone#: p-614.579.1164
Method:	Pit Auger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_	<del></del>	Soil Series:		

Soil	Profile		imating Soil Satur				Estimatiı	ng Soil Permea	bility			
	1	Munse	ll Color (hue, value								,	
			Redoximorp	ohic Features		Texture Structure						
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 9	10YR 3.5/3			sil	20	2	1	m	gr	fr	
Bt1	9 to 15	10YR 5/4		30%10YR 5/2	sicl	32	2	2	m	sbk	fi	
Bt2	15 to 33	10YR 5/4		35%10YR 5/2	sicl	38	2	2	m	sbk	fi	
ВС	33 to 38	10YR 5/4		25%10YR 5/2	sicl	35	5	1	m	sbk	fi	
Cd	38+	10YR 4/4		20%10YR 5/2	cl	32	5	0		m	vfi	
Limiting	Conditions	Depth (in	1)	Description	_			Rema	ırks / Risk Fa	ctors:		
Perched Seasonal		9		thed on glacial till	Surface wa	ter should be di	verted around s				esent.	
Apparent Water		>60	pere	and on glacial till	till Surface water should be diverted around system. Subsurface ag drainage may be present.							
Highly Permeable		>60										
Bedrock		>60										
Restrictive Layer		38		glacial till								

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	1.0%	(cacpaes)
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	land the second second
Address:		Bedrooms or GPD:	4	STEVEN A MILLER
_		Date:	Friday, October 18, 2024	CERTIFIED PROFESSIONAL I
Phone #:		Evaluator:	Steven Miller, CPSSc	1 0 0 300 300 300
Lot #:	<u>_</u>		Soil & Environmental Consulting, Inc.	Signature: 38423
Test Hole #:	3-1		P.O. Box 1121	
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	Pit Auger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_	<u> </u>	Soil Series:		-

Soil	Profile		imating Soil Satur				Estimatir	ng Soil Permeal	bility			
		Munse	ll Color (hue, value									
			Redoximorp	hic Features		Texture			Structure			
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 9	10YR 4/3			sil	20	2	1	m	gr	fr	
Btg	9 to 25	10YR 5/2	25%10YR 5/6		sicl	32	2	2	m	sbk	fi	
Bt	25 to 48	10YR 5/3		30%10yR 5/2	sicl	38	2	2	m	sbk	fi	
ВС	48 to 52	10YR 5/4		35%10YR 5/2	sicl	36	5	1	m	sbk	fi	
Cd	52+	10YR 4/3		30%10YR 5/2	cl	34	5	0		m	vfi	
Limiting	Conditions	Depth (in	1)	Description	_			Rema	rks / Risk Fac	ctors:		
Perched Seasonal		9		hed on glacial till								
Apparent Water		>60		<u> </u>	, , , , , , , , , , , , , , , , , , ,							
Highly Permeable	e Material	>60										
Bedrock		>60										
Restrictive Layer		52		glacial till	cial till							

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	and the second second
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	1/20
_	Ashley	Percent Slope:	2.0%	(cecpaes)
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	The state of the s
Address:		Bedrooms or GPD:	4	STEVEN A MILLER
_		Date:	Friday, October 18, 2024	CERTIFIED PROFESSIONAL /
Phone #:		Evaluator:	Steven Miller, CPSSc	1 O SOLESIANIS
Lot #:	<u>_</u>		Soil & Environmental Consulting, Inc.	Signature: Signature: 3842
Test Hole #:	3-2		P.O. Box 1121	with V J J J
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	Pit Auger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_	<u> </u>	Soil Series:		•

Soil	Profile		mating Soil Satur				Estimatin	ng Soil Permeal	bility			
		Munsell	Color (hue, value,									
			Redoximorp	hic Features		Texture		Structure			1	
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 8	10YR 3/5/4			sil	20	2	1	m	gr	fr	
AB	8 to 11	10YR 3/2 10YR 5/4		25%10YR 5/2	sicl	35	2	2	m	sbk	fi	
Btg	11 to 42	10YR 5/1	25%10YR 5/4		sicl	38	2	2	m	sbk	fi	
ВС	42 to 47	10YR 5/4		30%10YR 5/2	sicl	35	5	1	m	sbk	fi	
Cd	47+	10YR 4/3		25%10yR 5/2	cl	32	5	0		m	vfi	
Limiting	Conditions	Depth (in	\	Description				Dome	rks / Disk Foo	tors		
Perched Seasona		8		hed on glacial till								
Apparent Water		>60	pere	nea on giaciai tili	ciai ini Surface water should be diverted around system. Substitute ag diantage may be present.							
Highly Permeabl		>60										
Bedrock		>60										
Restrictive Layer	•	47		glacial till								

County: _ Township / Sec.:	Morrow Peru	Land Use / Vegetation: Landform:	Ag / Bean Stubble Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	1.0%	( cecpaes
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	I have been a first to the second
Address:		Bedrooms or GPD:	4	STEVENA MILLER
_		Date:	Friday, October 18, 2024	CERTIFIED PROFESSIONAL
Phone #:		Evaluator:	Steven Miller, CPSSc	1 O Sole Sole Sole Sole Sole Sole Sole Sole
Lot #:	_	Soi	il & Environmental Consulting, Inc.	Signature: XQ 423
Test Hole #:	4-1	_	P.O. Box 1121	wan voor
Latitude/Longitude:		_	Delaware OH 43015	Phone#: p-614.579.1164
Method:	Pit Auger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_		Soil Series:		

Profile						Estimatir	ng Soil Permeal	bility			
	Munsel										
		Redoximorp	hic Features								
Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
0 to 8	10YR 4/3			sil	20	2	1	m	gr	fr	
8 to 22	10YR 5/3		25%10YR 5/2	sicl	34	2	2	m	sbk	fi	
22 to 34	10YR 5/4		30%10yR 5/2	sicl	38	2	2	m	sbk	fi	
34 to 38	10YR 5/4		25%10yR 5/2	sicl	36	5	1	m	sbk	fi	
38+	10YR 4/4		40%10YR 5/1	cl	34	5	0		m	vfi	
				_							
		perc	hed on glacial till	Surface water should be diverted around system. Subsurface ag drainage may be present.							
IVIAICIIAI											
			glacial till	cial till							
	Depth (inches) 0 to 8 8 to 22 22 to 34 34 to 38	Munsel	Munsell Color (hue, value,   Redoximorp   Redoximorp	Munsell Color (hue, value, chroma)   Redoximorphic Features	Munsell Color (hue, value, chroma)   Redoximorphic Features	Munsell Color (hue, value, chroma)   Redoximorphic Features   Texture	Munsell Color (hue, value, chroma)   Redoximorphic Features   Texture	Munsell Color (hue, value, chroma)   Redoximorphic Features   Texture   Approx. % Clay   Fragments   Grade	Munsell Color (hue, value, chroma)   Redoximorphic Features   Texture   Approx.   Approx.   Approx.   Fragments   Grade   Size	Munsell Color (hue, value, chroma)   Redoximorphic Features   Texture   Structure	Munsell Color (hue, value, chroma)   Redoximorphic Features   Texture   Structure   Type (inches)   Color   Concentrations   Depletions   Class   % Clay   Fragments   Grade   Size (shape)   Consistence

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	and the second
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	2.0%	( cacpaes)
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	The state of the s
Address:		Bedrooms or GPD:	4	STEVENA MILLER
_		Date:	Friday, October 18, 2024	CERTIFIED PROFESSIONAL
Phone #:		Evaluator:	Steven Miller, CPSSc	1 0 0
Lot #:	<u>_</u>	Se	oil & Environmental Consulting, Inc.	Signature: Signature: 3842
Test Hole #:	4-2		P.O. Box 1121	With V J J J
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	Pit Auger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_	<u> </u>	Soil Series:		

Soil F	Profile		imating Soil Satur		•	•	Estimatir	ng Soil Permeat	oility			
		Munse	l Color (hue, value									
			Redoximorphic Features			Texture			Structure			
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 6	10YR 4/3			sil	20	2	1	m	gr	fr	
Bt1	6 to 20	10YR 5/4		15%10YR 5/2	sicl	32	2	2	m	sbk	fi	
Bt2	20 to 27	10YR 5/4		20%10YR 5/2	sicl	36	2	2	m	sbk	fi	
ВС	27 to 30	10YR 5/4		30%10YR 5/2	sicl	34	5	1	m	sbk	fi	
Cd	30+	10YR 4/4		25%10YR 5/2	cl	32	5	0		m	vfi	
	Conditions	Depth (in	1)	Description					rks / Risk Fac			
Perched Seasonal		6	perc	hed on glacial till	Surface water should be diverted around system. Subsurface ag drainage may be present.							
Apparent Water T		>60										
Highly Permeable	Material	>60										
Bedrock		>60										
Restrictive Layer		30		glacial till								

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	and the second
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
	Ashley	Percent Slope:	1.0%	( cacpaes
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	
Address:		Bedrooms or GPD:	4	STEVEN A MILLER
_		Date:	Monday, October 21, 2024	CERTIFIED PROFESSIONAL /
Phone #:		Evaluator:	Steven Miller, CPSSc	1 O SOLESIANIS
Lot #:	<u>_</u>		Soil & Environmental Consulting, Inc.	Signature: 38423
Test Hole #:	5-1		P.O. Box 1121	wan voor
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	Pit Auger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_		Soil Series:		

								ng Soil Permea				
Soil	Profile		imating Soil Satur									
	1	Munse	l Color (hue, value			Т			Structure			
	Daniel	Redoximorphi		onic Features			Texture		Structure	Т	-	
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 8	10YR 4/3			sil	20	2	1	m	gr	fr	
Bt1	8 to 29	10YR 5/3		25%10yR 5/1	sicl	30	2	2	m	sbk	fi	
Bt2	29 to 44	10YR 5/4		35%10YR 5/1	sicl	36	2	2	m	sbk	fi	
ВС	44 to 48	10YR 5/4		30%10YR 5/2	sicl	32	5	1	m	sbk	fi	
Cd	48+	10YR 4/3		25%10yR 5/1	cl	30	5	0		m	vfi	
¥	G. W.I	D 4.0			_			<b>n</b>	. (5)			
	Conditions	Depth (in		Description			. 1 1		rks / Risk Fac			
Perched Seasonal Apparent Water 7		>60	perc	hed on glacial till	Surface water should be diverted around system. Subsurface ag drainage may be present.							
Highly Permeable		>60										
Bedrock	. iviateriai	>60			_							
Restrictive Layer		48		glacial till								

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	and the second
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	3.0%	( cacpaes
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	
Address:		Bedrooms or GPD:	4	STEVEN A MILLER
_		Date:	Monday, October 21, 2024	CERTIFIED PROFESSIONAL SOIL SOIL SOIL SOIL SOIL SOIL SOIL SOI
Phone #:		Evaluator:	Steven Miller, CPSSc	1 O SUR SURFINSI
Lot #:		Soi	il & Environmental Consulting, Inc.	Signature: 26423
Test Hole #:	5-2		P.O. Box 1121	with voca
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	Pit Auger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_	<u> </u>	Soil Series:		

Soil	Profile		imating Soil Satur				Estimatir	ng Soil Permeal	bility			
	T	Munse	ll Color (hue, value									
		Redoximorphic F		hic Features				Structure				
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 10	10YR 4/3			sil	20	2	1	m	gr	fr	
Bt1	10 to 18	10YR 5/4		15%10yR 5/2	sicl	32	2	2	m	sbk	fi	
Bt2	18 to 24	10YR 5/4		30%10YR 5/2	sicl	36	2	2	m	sbk	fi	
ВС	24 to 30	10YR 5/4		25%10YR 5/2	sicl	35	5	1	m	sbk	fi	
Cd	30+	10YR 4/3		20%10YR 5/2	cl	32	5	0		m	vfi	
Limiting	Conditions	Depth (in	1)	Description	_			Rema	rks / Risk Fac	ctors:		
Perched Seasonal		10		hed on glacial till								
Apparent Water	Γable	>60		<u> </u>	, , , ,							
Highly Permeable	e Material	>60										
Bedrock		>60										
Restrictive Layer		30		glacial till								

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble		and the second
Township / Sec.:	Peru	Landform:	Till Plain	_	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	_	1 / 8
_	Ashley	Percent Slope:	1.0%	_	CREDGES
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	_	land the second of the second
Address:		Bedrooms or GPD:	4	_	STEVENA MILLER
_		Date:	Monday, October 21, 2024	_	CERTIFIED PROFESSIONAL
Phone #:		Evaluator:	Steven Miller, CPSSc	_	1 O SOLESCENIS
Lot #:	<u>_</u>		Soil & Environmental Consulting, Inc.	Signature:	XD. A San - 28423
Test Hole #:	6-1		P.O. Box 1121	_	wan voor
Latitude/Longitude:			Delaware OH 43015	Phone#:	p-614.579.1164
Method:	Pit Auger X Probe	Job Number:	24J328	_	soilconsultant@yahoo.com
		Soil Series:			

		_										
Soil	Profile		imating Soil Satur				Estimatii	ng Soil Permeal	bility			
	T	Munse	l Color (hue, value	· · · · · · · · · · · · · · · · · · ·								
			Redoximorp	Redoximorphic Features		Texture			Structure			
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 6	10YR 3.5/3			sil	20	2	1	m	gr	fr	
A	6 to 12	10YR 3/3		20%10yR 5/2	sicl	28	2	2	m	sbk	fi	
Btg	12 to 50	10YR 5/2		35%10YR 5/2	sicl	35	2	2	m	sbk	fi	
ВС	50 to 54	10YR 5/3		30%10YR 5/2	sicl	32	5	1	m	sbk	fi	
Cd	54+	10YR 4/3		25%10YR 5/2	cl	30	5	0		m	vfi	
Limiting	Conditions	Depth (ir	1)	Description	_			Rema	rks / Risk Fac	ctors:		
Perched Seasonal		6		thed on glacial till								
Apparent Water		>60		<u> </u>								
Highly Permeable	e Material	>60										
Bedrock		>60										
Restrictive Layer		54		glacial till								

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	2.0%	( cacpaes
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	
Address:		Bedrooms or GPD:	4	STEVENA MILLER
_		Date:	Monday, October 21, 2024	CERTIFIED PROFESSIONAL I
Phone #:		Evaluator:	Steven Miller, CPSSc	1 0 0 300
Lot #:	<u>_</u>		Soil & Environmental Consulting, Inc.	Signature: 38423
Test Hole #:	6-2		P.O. Box 1121	with V Joseph
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	PitAuger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_	<del>_</del> <del>_</del>	Soil Series:		

Soil F	Profile		imating Soil Satur		•	•	Estimatir	ng Soil Permeal	oility			
		Munse	l Color (hue, value									
			Redoximorp	ohic Features		Texture		Structure				
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 10	10YR 4/3			sil	20	2	1	m	gr	fr	
Bt1	10 to 21	10YR 5/4		15%10yR 5/2	sicl	30	2	2	m	sbk	fi	
Bt2	21 to 31	10YR 5/4		20%10YR 5/2	sicl	36	2	2	m	sbk	fi	
ВС	31 to 36	10YR 5/4		25%10YR 5/2	sicl	34	5	1	m	sbk	fi	
Cd	36+	10YR 4/4		20%10YR 5/2	cl	32	5	0		m	vfi	
	Conditions	Depth (in	1)	Description					rks / Risk Fac			
Perched Seasonal		10	perc	hed on glacial till	Surface water should be diverted around system. Subsurface ag drainage may be present.							
Apparent Water T		>60										
Highly Permeable	Material	>60										
Bedrock		>60										
Restrictive Layer		36		glacial till								

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	1.0%	(cacpaes)
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	les configuration of the confi
Address:		Bedrooms or GPD:	4	STEVEN A MILLER
_		Date:	Monday, October 21, 2024	CERTIFIED PROFESSIONAL PROFESSI
Phone #:		Evaluator:	Steven Miller, CPSSc	1 0 0
Lot #:	<u>_</u>		Soil & Environmental Consulting, Inc.	Signature: 38423
Test Hole #:	7-1		P.O. Box 1121	
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	Pit Auger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_	<u> </u>	Soil Series:		-

Soil	Profile		imating Soil Satur				Estimatir	ng Soil Permeal	bility			
		Munsel	ll Color (hue, value,									
			Redoximorp	ohic Features		Texture			Structure	_	1	
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 8	10YR 4/3			sil	20	2	1	m	gr	fr	
Btg	8 to 28	10YR 5/2	30%10yR 5/4		sicl	32	2	2	m	sbk	fi	
Bt	28 to 42	10YR 5/3		30%10yR 5/2	sicl	38	2	2	m	sbk	fi	
ВС	42 to 46	10YR 5/4		35%10YR 5/2	sicl	36	5	1	m	sbk	fi	
Cd	46+	10YR 4/4		30%10YR 5/2	cl	34	5	0		m	vfi	
Limiting	Conditions	Depth (ir	1)	Description	_			Rema	rks / Risk Fac	ctors:		
Perched Seasonal		8		hed on glacial till								
Apparent Water		>60		<u> </u>								
Highly Permeable	e Material	>60										
Bedrock		>60										
Restrictive Layer	<u> </u>	46		glacial till								

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	and the second
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	1.0%	(cecpaes)
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	land the second second
Address:	_	Bedrooms or GPD:	4	STEVENA MILLER
_	_	Date:	Monday, October 21, 2024	CERTIFIED PROFESSIONAL
Phone #:		Evaluator:	Steven Miller, CPSSc	1 O Sole Soletins
Lot #:	<u>_</u>		Soil & Environmental Consulting, Inc.	Signature: Sp. A Sp. 3842
Test Hole #:	7-2		P.O. Box 1121	
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	PitAuger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_		Soil Series:		•

Soil	Profile		imating Soil Satur				Estimatir	ng Soil Permeal	oility			
		Munse	ll Color (hue, value,									
			Redoximorp	Redoximorphic Features		Texture			Structure			
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 6	10YR 3.5/3			sil	20	2	1	m	gr	fr	
AB	6 to 11	10YR 3/3	25501yR 5/6	15%10yR 5/2	sil	25	2	2	m	sbk	fi	
Btg	11 to 48	10YR 5/1	25%10yR 5/4		sic	40	2	2	m	sbk	fi	
ВС	48 to 52	10YR 5/3		25%10yR 5/2	sicl	35	5	1	m	sbk	fi	
Cd	52+	10YR 4/4		40%10YR 5/1	cl	34	5	0		m	vfi	
	Conditions	Depth (in	1)	Description	Remarks / Risk Factors:							
Perched Seasonal		6	perc	hed on glacial till	till Surface water should be diverted around system. Subsurface ag drainage may be present.							
Apparent Water 7		>60										
Highly Permeable	Material	>60										
Bedrock		>60										
Restrictive Layer		52		glacial till								

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	and the second second
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	1/20
_	Ashley	Percent Slope:	1.0%	(cacpaes)
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	
Address:		Bedrooms or GPD:	4	STEVEN A MILLER
_		Date:	Monday, October 21, 2024	CERTIFIED PROFESSIONAL PROFESSI
Phone #:		Evaluator:	Steven Miller, CPSSc	1 O Sole Soletins
Lot #:	<u>_</u>		Soil & Environmental Consulting, Inc.	Signature: 26423
Test Hole #:	8-1		P.O. Box 1121	
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	Pit Auger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
		Soil Series:	<u> </u>	

Soil 1	Profile		imating Soil Satur				Estimatir	ng Soil Permea	bility			
		Munsel	l Color (hue, value	· · · · · · · · · · · · · · · · · · ·								
			Redoximorp	ohic Features		Texture			Structure			
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 6	10YR 3.5/3			sil	20	2	1	m	gr	fr	
AB	6 to 10	10YR 3/3	10%10YR 5/8	25%10YR 5/2	sil	25	2	2	m	sbk	fi	
Btg	10 to 52	10YR 5/2	20%10YR 5/6		sicl	38	2	2	m	sbk	fi	
ВС	52 to 58	10YR 6/3		30%10YR 5/2	sicl	36	5	1	m	sbk	fi	
Cd	58+	10YR 4/3		25%10YR 5/2	cl	34	5	0		m	vfi	
	Conditions	Depth (ir		Description	Remarks / Risk Factors:							
Perched Seasonal		6	perc	hed on glacial till	Surface water should be diverted around system. Subsurface ag drainage may be present.							
Apparent Water T		>60										
Highly Permeable	Material	>60										
Bedrock		>60										
Restrictive Layer		58		glacial till	11							

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	and the same of th
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	1.0%	( cacpaes)
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	
Address:		Bedrooms or GPD:	4	STEVENA MILLER
_		Date:	Monday, October 21, 2024	CERTIFIED PROFESSIONAL
Phone #:		Evaluator:	Steven Miller, CPSSc	1 O Sole Sole Sole Sole Sole Sole Sole Sole
Lot #:		So	oil & Environmental Consulting, Inc.	Signature: 38423
Test Hole #:	8-2		P.O. Box 1121	with V J J J
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	Pit Auger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_	<del></del>	Soil Series:		

Soil	Profile	I Fet	imating Soil Satur	eation			Fetimatir	ng Soil Permeal	hility			
Son	Tronic		ll Color (hue, value				Estimatii	ng Son Termea	omity			
				ohic Features		Texture			Structure			
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 6	10YR 3/3			sil	20	2	1	m	gr	fr	
AB	6 to 12	10YR 2/2	15%10YR 5/8	10%!0yR 5/1	sil	25	2	2	m	sbk	fi	
Btg	12 to 45	10YR 6/1	10YR 5/6		sic	40	2	2	m	sbk	fi	
ВС	45 to 51	10YR 5/3		25%10YR 5/1	sicl	35	5	1	m	sbk	fi	
Cd	51+	10YR 4/3		30%10YR 6/2	cl	32	5	0		m	vfi	
Limiting	Conditions	Depth (in	1)	Description	_			Rema	rks / Risk Fac	ctors:		
Perched Seasonal		6		hed on glacial till								
Apparent Water 7		>60		-								
Highly Permeable	Material	>60										
Bedrock		>60										
Restrictive Layer		51		glacial till								

	County:	Morr	row	Land	Use / Vegetation:	A	g / Bean Stubb	ole				
Tov	wnship / Sec.:	Per	u		Landform:		Till Plain					
Property Ac	ddress/Location:	North of 1469 Tow	vnship Road 165	Posi	tion on Landform:		Backslope				1	
	_	Ashl	ley		Percent Slope:		1.0%				1 1	cacpaes \
App	plicant Name:	Auction Serv	vices, LLC		Shape of Slope:		Linear / Linear	r				and the second
	Address:			I	Bedrooms or GPD:		4					STEVEN A MILLER
	_				Date:	Tuesday, October 22, 2024					1	CERTIFIED PROFESSIONAL
	Phone #:				Evaluator:	Ste	Steven Miller, CPSSc			V	103	0
	Lot #:	_				Soil & Envir	Soil & Environmental Consulting, Inc.			XD.	A San	28423
	Test Hole #:	<b>9-</b> 1	1				P.O. Box 1121			wh	0 2 0 -	
Latitue	de/Longitude:					De	elaware OH 430	015	Phone#:	p-614.579.	1164	
	Method:	Pit Auger	r X Probe		Job Number:		24J328			<u>soilcor</u>	nsultant@ya	ahoo.com
					Soil Series:							
Soil F	Profile	Est	imating Soil Satur	ation			Estimatiı	ng Soil Perme	ability			
		Munsel	ll Color (hue, value,	, chroma)								
			Redoximorp	hic Features		Texture			Structure			
	Depth	Matrix				Approx.	Approx. %			Type		
Horizon	(inches)	Color	Concentrations	Depletions	Class	% Clay	Fragments	Grade	Size	(shape)	Consistence	Other Soil Features
Ap	0 to 9	10YR 4/3			sil	20	2	1	m	gr	fr	
Bt1	9 to 22	10YR 5/4		15%10YR 5/2	sicl	30	2	2	m	sbk	fi	

38

36

34

sicl

sicl

cl

2

2

5

2

1

0

sbk

sbk

m

m

fi

fi

vfi

Limiting Condition	Limiting Conditions Dept		Depth (in) Description					Rema	rks / Risk Fact	ors:			
Perched Seasonal Water Ta	Table 9 perched on glacial till S			Surface wa	Surface water should be diverted around system. Subsurface ag drainage may be present.								
Apparent Water Table >60													
Highly Permeable Material	1	>60											
Bedrock		>60											

Note: 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.

glacial till

20%10YR 5/2

30%10YR 5/2

25%10YR 5/2

10YR 5/4

10YR 5/4

10YR 4/4

33

22 to 30

30 to 33

33+

Bt2

BC

Cd

Restrictive Layer

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	and the second second
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	1.0%	(cecpaes)
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	The state of the s
Address:		Bedrooms or GPD:	4	STEVEN A MILLER
_		Date:	Tuesday, October 22, 2024	CERTIFIED PROFESSIONAL /
Phone #:		Evaluator:	Steven Miller, CPSSc	1 O SOLESIANIS
Lot #:	<u>_</u>		Soil & Environmental Consulting, Inc.	Signature: Signature: 3842
Test Hole #:	9-2		P.O. Box 1121	
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	Pit Auger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_	<u> </u>	Soil Series:		•

Soil 1	Profile		imating Soil Satur				Estimatin	ng Soil Permea	bility			
		Munse	ll Color (hue, value,									
		Redoximorphic Features			Texture Structure							
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 8	10YR 4/3			sil	20	2	1	m	gr	fr	
Bt1	8 to 25	10YR 5/4		20%10Yr 5/2	sicl	32	2	2	m	sbk	fi	
Bt2	25 to 32	10YR 5/4		30%10YR 5/2	sicl	38	2	2	m	sbk	fi	
ВС	32 to 36	10YR 5/4		35%10YR 5/2	sicl	35	2	1	m	sbk	fi	
Cd	36+	10YR 4/4		25%10YR 5/2	cl	32	5	0		m	vfi	
* * * * * * * * * * * * * * * * * * * *	G. Pro	D 4.6	`	D : :	_			D.	1 /D: 1 E			
	Conditions	Depth (in		Description	Remarks / Risk Factors:							
Perched Seasonal		>60	perc	hed on glacial till	Surface water should be diverted around system. Subsurface ag drainage may be present.							
Apparent Water T Highly Permeable		>60										
	iviateriai	<u> </u>										
Bedrock Restrictive Layer		>60		glacial till	_							
Restrictive Layer		36		giaciai iiii								

County: _ Township / Sec.:	Morrow Peru	Land Use / Vegetation: Landform:		
-				
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	1.0%	CACCACE
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	
Address:		Bedrooms or GPD:	4	STEVENA MILLER
_		Date:	Tuesday, October 22, 2024	CERTIFIED PROFESSIONAL I
Phone #:		Evaluator:	Steven Miller, CPSSc	1 0 0 300 300 300
Lot #:	<u>_</u>		Soil & Environmental Consulting, Inc.	Signature: 38423
Test Hole #:	10-1		P.O. Box 1121	
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	Pit Auger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_	<del>_</del> <del>_</del>	Soil Series:		

Soil I	Profile		imating Soil Satur				Estimatin	ng Soil Permeal	oility			
		Munse	ll Color (hue, value									
			Redoximorp	Redoximorphic Features		Texture Structure				]		
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 8	10YR 4/3			sil	20	2	1	m	gr	fr	
Btg	8 to 35	10YR 5/4		10%10YR 5/2	sicl	34	2	2	m	sbk	fi	
Bt	35 to 46	10YR 5/4		20%10YR 5/2	sic	40	2	2	m	sbk	fi	
ВС	46 to 50	10YR 5/4		30%10YR 5/2	sicl	36	2	1	m	sbk	fi	
Cd	50+	10YR 4/4		25%10yR 5/2	cl	32	5	0		m	vfi	
	Conditions	Depth (ir		Description	Remarks / Risk Factors:							
Perched Seasonal		8	perc	hed on glacial till	Surface water should be diverted around system. Subsurface ag drainage may be present.							
Apparent Water T		>60										
Highly Permeable	Material	>60										
Bedrock		>60										
Restrictive Layer		50		glacial till								

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	and the second second
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	1.0%	CACDAES
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	I have been a first to be a fi
Address:		Bedrooms or GPD:	4	STEVEN A MILLER
_		Date:	Tuesday, October 22, 2024	CERTIFIED PROFESSIONAL
Phone #:		Evaluator:	Steven Miller, CPSSc	1 0 0 300 300 300
Lot #:	_	Soi	il & Environmental Consulting, Inc.	Signature: XQ 423
Test Hole #:	10-2		P.O. Box 1121	wan voor
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	Pit Auger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_		Soil Series:		

Soil F	Profile		imating Soil Satur		•	•	Estimatir	ng Soil Permeal	oility			
		Munse	l Color (hue, value									
			Redoximorp	ohic Features		Texture			Structure			
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 9	10YR 4/3			sil	20	2	1	m	gr	fr	
Bt1	9 to 32	10YR 5/3		20%10YR 5/2	sicl	32	2	2	m	sbk	fi	
Bt2	32 to 45	10YR 5/4		30%10YR 5/2	sicl	38	2	2	m	sbk	fi	
ВС	45 to 49	10YR 5/4		35%10YR 5/2	sicl	35	2	1	m	sbk	fi	
Cd	49+	10YR 4/4		30%10YR 5/1	cl	32	5	0		m	vfi	
Limiting (	Conditions	Depth (in	1)	Description	Remarks / Risk Factors:							
Perched Seasonal		9	perc	hed on glacial till	till Surface water should be diverted around system. Subsurface ag drainage may be present.							
Apparent Water T		>60										
Highly Permeable	Material	>60										
Bedrock		>60										
Restrictive Layer		49		glacial till								

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	and the second
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	1.0%	( cacpaes)
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	The state of the s
Address:		Bedrooms or GPD:	4	STEVENA MILLER
_		Date:	Tuesday, October 22, 2024	CERTIFIED PROFESSIONAL
Phone #:		Evaluator:	Steven Miller, CPSSc	1 O Sole Sole Sole Sole Sole Sole Sole Sole
Lot #:	<u>_</u>		Soil & Environmental Consulting, Inc.	Signature: 28423
Test Hole #:	11-1		P.O. Box 1121	With V Joseph
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	Pit Auger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
		Soil Series:		

Soil 1	Profile		imating Soil Satur ll Color (hue, value				Estimatin	ng Soil Permea	bility			
		111111111111111111111111111111111111111		ohic Features		Texture			Structure			
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 7	10YR 4/3			sil	20	2	1	m	gr	fr	
Btg1	7 to 28	10YR 5/2	25%10yR 5/4		sicl	36	2	2	m	sbk	fi	
Btg2	28 to 52	10YR 5/1	30%10YR 5/4		sicl	38	2	2	m	sbk	fi	
BCg	52 to 55	10YR 5/2	25%10yR 5/6		sicl	36	2	1	m	sbk	fi	
Cd	55+	10YR 4/3		25%10yR 5/2	cl	32	5	0		m	vfi	
Limiting	Conditions	Depth (in	1)	Description	_			Rema	rks / Risk Fac	etors:		
erched Seasonal		7	perc	hed on glacial till	Surface water should be diverted around system. Subsurface ag drainage may be present.							
pparent Water T		>60										
ighly Permeable edrock	Material	>60			_							
estrictive Layer		>60 55		glacial till	_							

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	1.0%	(cacpaes)
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	
Address:		Bedrooms or GPD:	4	STEVEN A MILLER
_		Date:	Tuesday, October 22, 2024	CERTIFIED PROFESSIONAL I
Phone #:		Evaluator:	Steven Miller, CPSSc	1 O SOLESIANIS
Lot #:	<u>_</u>		Soil & Environmental Consulting, Inc.	Signature: 36423
Test Hole #:	11-2		P.O. Box 1121	
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	Pit Auger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_	<u> </u>	Soil Series:	_	•

Soil	Profile		imating Soil Satur				Estimatir	ng Soil Permeal	bility			
		Munse	ll Color (hue, value,									
			Redoximorp	hic Features		Texture			Structure		1	
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 6	10YR 4/3			sil	20	2	1	m	gr	fr	
Btgl	6 to 25	10Yr 5/2	30%10yR 5/4		sicl	35	2	2	m	sbk	fi	
Btg2	25 to 46	10YR 5/2	35%10YR 5/6		sicl	38	2	2	m	sbk	fi	
ВС	46 to 52	10RY 5/3		30%10YR 5/2	sicl	35	2	1	m	sbk	fi	
Cd	52+	10YR 4/3		25%10yR 5/2	cl	32	5	0		m	vfi	
Limiting	Conditions	Depth (in	1)	Description	_			Rema	rks / Risk Fac	ctors:		
Perched Seasona		6		hed on glacial till	ill Surface water should be diverted around system. Subsurface ag drainage may be present.							
Apparent Water		>60		<u> </u>	, , , , ,							
Highly Permeabl	e Material	>60										
Bedrock		>60										
Restrictive Layer	·	52		glacial till								

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	and the second
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	1.0%	( cacpaes)
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	I have been a first to be a fi
Address:		Bedrooms or GPD:	4	STEVEN A MILLER
		Date:	Friday, October 18, 2024	CERTIFIED PROFESSIONAL
Phone #:		Evaluator:	Steven Miller, CPSSc	1 0 0 300 300 300
Lot #:		Soi	l & Environmental Consulting, Inc.	Signature: Signature: 3842
Test Hole #:	12-1		P.O. Box 1121	
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	Pit Auger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_		Soil Series:		

Soil F	Profile		imating Soil Satur				Estimatir	ng Soil Permeat	oility			
		Munse	ll Color (hue, value	, chroma)								
			Redoximorp	hic Features		Texture			Structure			
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 6	10YR 4/3			sil	20	2	1	m	gr	fr	
Btg1	6 to 20	10YR 5/1	20%10YR 5/6		sicl	36	2	2	m	sbk	fi	
Btg2	20 to 42	10YR 6/1	30%10YR 5/6		sicl	38	2	2	m	sbk	fi	
ВС	42 to 45	10YR 4/4		25%10YR 5?2	sicl	34	2	1	m	sbk	fi	
Cd	45+	10YR 4/3		30%10YR 5/2	cl	32	5	0		m	vfi	
Limiting (	Conditions	Depth (in	1)	Description				Rema	rks / Risk Fac	tors:		
Perched Seasonal		6	perc	hed on glacial till	Surface water should be diverted around system. Subsurface ag drainage may be present.							
Apparent Water T		>60				•						
Highly Permeable	Material	>60										
Bedrock		>60						-				
Restrictive Layer		45		glacial till								

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	1.0%	(cacpaes)
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	
Address:		Bedrooms or GPD:	4	STEVEN A MILLER
_		Date:	Wednesday, October 23, 2024	CERTIFIED PROFESSIONAL I
Phone #:		Evaluator:	Steven Miller, CPSSc	1 O SOLESIANIS
Lot #:	<u>_</u>		Soil & Environmental Consulting, Inc.	Signature: 36423
Test Hole #:	12-2		P.O. Box 1121	with V J J J
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	PitAuger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_	<u> </u>	Soil Series:		•

Soil	Profile		imating Soil Satur				Estimatir	ng Soil Permeal	bility			
		Munse	l Color (hue, value	· · · · · · · · · · · · · · · · · · ·								
			Redoximorp	hic Features		Texture			Structure			
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 8	10YR 3.5/3			sil	20	2	1	m	gr	fr	
A	8 to 11	10RY 3/2		10%10YR 5/2	sicl	35	2	2	m	sbk	fi	
Btg	11 to 50	10YTR 5/1	25%10YR 5/4		sicl	38	2	2	m	sbk	fi	
ВС	50 to 53	10YR 4/4		35%10YR 5/2	sicl	35	2	1	m	sbk	fi	
Cd	53+	10YR 4/3		40%10YR 5/2	cl	32	5	0		m	vfi	
Limiting	Conditions	Depth (in	1)	Description	_			Rema	rks / Risk Fac	ctors:		
Perched Seasonal		8		hed on glacial till	Surface water should be diverted around system. Subsurface ag drainage may be present.							
Apparent Water		>60		<u> </u>	, , , , ,							
Highly Permeable	e Material	>60										
Bedrock		>60										
Restrictive Layer		53		glacial till								

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	and the second
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	1/20
_	Ashley	Percent Slope:	1.0%	(cacpaes)
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	
Address:		Bedrooms or GPD:	4	STEVEN A MILLER
_		Date:	Wednesday, October 23, 2024	CERTIFIED PROFESSIONAL I
Phone #:		Evaluator:	Steven Miller, CPSSc	1 0 0 300 300 300
Lot #:	<u>_</u>		Soil & Environmental Consulting, Inc.	Signature: 38423
Test Hole #:	13-1		P.O. Box 1121	
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	Pit Auger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
		Soil Series:		

Soil	Profile		imating Soil Satur				Estimatir	ng Soil Permeal	bility			
		Munse	ll Color (hue, value									
			Redoximorp	phic Features		Texture			Structure	_	1	
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 8	10YR4/3			sil	20	2	1	m	gr	fr	
Bt1	8 to 25	10YR 5/3		15%10yR 5/2	sicl	36	2	2	m	sbk	fi	
Bt2	25 to 47	10YR 5/4		20%10yR 5/2	sicl	35	2	2	m	sbk	fi	
ВС	47 to 51	10YR 5/4		30%10YR 5/2	sicl	32	2	1	m	sbk	fi	
Cd	51+	10YR 4/4		25%10YR 5/2	cl	30	5	0		m	vfi	
	Conditions	Depth (in		Description					rks / Risk Fac			
Perched Seasonal		>60	perc	thed on glacial till	Surface water should be diverted around system. Subsurface ag drainage may be present.							
Apparent Water T Highly Permeable		>60										
	e iviateriai				_							
Bedrock Restrictive Layer		>60 51		glacial till	_							
Resulting Layer				giaciai iiii								

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	and the second
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	1.0%	(cacpaes)
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	In the second second
Address:		Bedrooms or GPD:	4	STEVENA MILLER
_		Date:	Wednesday, October 23, 2024	CERTIFIED PROFESSIONAL /
Phone #:		Evaluator:	Steven Miller, CPSSc	1 O SOLESIANIS
Lot #:	<u>_</u>		Soil & Environmental Consulting, Inc.	Signature: 3842
Test Hole #:	13-2		P.O. Box 1121	with V Joseph
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	PitAuger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_	<u> </u>	Soil Series:		

Soil	Profile		imating Soil Satur				Estimatir	ng Soil Permeal	bility			
		Munsel	l Color (hue, value,									
			Redoximorp	hic Features		Texture			Structure	_		
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 9	10YR 4/2			sil	20	2	1	m	gr	fr	
Bt1	9 to 22	10YR 5/3		40%10YR 5/2	sicl	35	2	2	m	sbk	fi	
Bt2	22 to 42	10YR 5/4		35%10yR 5/2	sic	40	2	2	m	sbk	fi	
ВС	42 to 46	10YR 5/4		30%10YR 5/2	sicl	35	2	1	m	sbk	fi	
Cd	46+	10YR 4/4		35%10YR 6/1	cl	32	5	0		m	vfi	
Limiting	Conditions	Depth (ir	)	Description	_			Rema	rks / Risk Fac	ctors:		
Perched Seasonal		9		hed on glacial till	ill Surface water should be diverted around system. Subsurface ag drainage may be present.							
Apparent Water		>60	<u> </u>	<u>U</u>	, , , , ,							
Highly Permeable	e Material	>60										
Bedrock		>60										
Restrictive Layer	·	46		glacial till								

	County:wnship / Sec.:ddress/Location:	Per North of 1469 Tow	Morrow         Land Use / Vo           Peru         L           orth of 1469 Township Road 165         Position on L           Ashley         Perce           Auction Services, LLC         Shape				g / Bean Stubb Till Plain Backslope 1.0%	ble			1	gecpaes
Ap	plicant Name:				Shape of Slope:		Linear / Linear	:			1 15	
	Address:			. E	Bedrooms or GPD:		4				1 1	STEVEN A MILLER
					Date:	Wednes	Wednesday, October 23, 2024			1	1	CERTIFIED PROFESSIONAL
	Phone #:				Evaluator:	Ste	ven Miller, CP	SSc		V	103	0
	Lot #:	_				Soil & Enviro	onmental Cons	ulting, Inc.	Signature:	X Le	A the	28423
	Test Hole #:	14-	1				P.O. Box 1121				V	
Latitu	de/Longitude:					De	laware OH 430	)15	Phone#: p	-614.579.		
	<u> </u>				Job Number:		24J328			soilcor	<u>ısultant@ya</u>	ahoo.com
					Soil Series:							
Soil 1	Profile		imating Soil Satur				Estimatir	ng Soil Permea	bility			
		Munsel	l Color (hue, value,	· /								
			Redoximorp	ohic Features		Texture			Structure			
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 6	10YR 3.5/3			sil	20	2	1	m	gr	fr	
٨	6.16	107/10 2/2		250/103/D 5/2		26		2		1.1	~	
A	6 to 16	10YR 3/3		25%10YR 5/2	sicl	36	2	2	m	sbk	fi	

40

36

34

sic

sicl

cl

2

5

2

1

0

Limiting Conditions	Depth (in)	Description	Remarks / Risk Factors:
Perched Seasonal Water Table	6	perched on glacial till	Surface water should be diverted around system. Subsurface ag drainage may be present.
Apparent Water Table	>60		
Highly Permeable Material	>60		
Bedrock	>60		
Restrictive Layer	55	glacial till	

Note: 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.

30%10Yr 5/2

35%10YR 5/2

30%10YR 5/2

16 to 46

46 to 55

55+

Btg

BC

Cd

10YR 5/2

10YR 5/3

10YR 4/4

sbk

sbk

fi

fi

vfi

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	2.0%	(cacpaes)
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	
Address:		Bedrooms or GPD:	4	STEVENA MILLER
_		Date:	Wednesday, October 23, 2024	CERTIFIED PROFESSIONAL /
Phone #:		Evaluator:	Steven Miller, CPSSc	1 O SOLESIANIS
Lot #:	<u>_</u>		Soil & Environmental Consulting, Inc.	Signature: 3842
Test Hole #:	14-2		P.O. Box 1121	with V Joseph
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	PitAuger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_	<u> </u>	Soil Series:	_	

Soil 1	Profile		imating Soil Satur				Estimatin	ng Soil Permea	bility			
		Munse	ll Color (hue, value									
			Redoximorp	ohic Features		Texture			Structure			
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 8	10YR 4/3			sil	20	2	1	m	gr	fr	
Bt1	8 to 22	10YR 5/4		20%10YR 5/2	sicl	35	2	2	m	sbk	fi	
Bt2	22 to 32	10YR 5/4		25%10YR 5/2	sicl	38	2	2	m	sbk	fi	
ВС	32 to 35	10YR 5/4		30%10YR 5/2	sicl	35	2	1	m	sbk	fi	
Cd	35+	10YR 4/4		25%10YR 5/2	cl	32	5	0		m	vfi	
Limiting	Conditions	Depth (ir	1)	Description	_			Rome	ırks / Risk Fac	tors:		
Perched Seasonal		8		thed on glacial till	Surface wat	er should be di	verted around s				esent	
Apparent Water T		>60	реге	ned on glacial till	Surface water should be diverted around system. Subsurface ag drainage may be present.							
Highly Permeable		>60										
Bedrock		>60										
Restrictive Layer		35		glacial till								

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	and the second
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	4.0%	( CRCDGES
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	I have been a first to the second
Address:		Bedrooms or GPD:	4	STEVENA MILLER
_		Date:	Wednesday, October 23, 2024	CERTIFIED PROFESSIONAL
Phone #:		Evaluator:	Steven Miller, CPSSc	1 O Sole Sole Sole Sole Sole Sole Sole Sole
Lot #:	<u>_</u>	Sc	oil & Environmental Consulting, Inc.	Signature: 3842
Test Hole #:	15-1		P.O. Box 1121	with V J J J
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	PitAuger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_	<u> </u>	Soil Series:		

Soil I	Profile		imating Soil Satur				Estimatir	ng Soil Permeal	oility			
		Munsel	l Color (hue, value,	, chroma)								
			Redoximorp	ohic Features	Texture Structure							
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 10	10YR 4/3			sil	20	2	1	m	gr	fr	
Bt1	10 to 15	10YR 5/4		15%10YR 5/2	sicl	34	2	2	m	sbk	fi	
Bt2	15 to 23	10YR 5/4		20%10yR 5/2	sicl	36	2	2	m	sbk	fi	
BC	23 to 30	10YR 5/4		25%10YR 5/2	sicl	34	2	1	m	sbk	fi	
Cd	30+	10YR 4/4		20%10YR 5/2	cl	32	5	0		m	vfi	
	Conditions	Depth (ir	1)	Description				Rema	rks / Risk Fac	tors:		
Perched Seasonal		10	perc	hed on glacial till	Surface wat	ter should be di	verted around s	system. Subsurf	ace ag drainag	e may be pro	esent.	
Apparent Water T		>60										
Highly Permeable	Material	>60										
Bedrock		>60										
Restrictive Layer		30		glacial till								

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	and the second second
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	11
_	Ashley	Percent Slope:	4.0%	( cacpaes
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	The state of the s
Address:		Bedrooms or GPD:	4	STEVEN A MILLER
_		Date:	Wednesday, October 23, 2024	CERTIFIED PROFESSIONAL SOIL SOIL SOIL SOIL SOIL SOIL SOIL SOI
Phone #:		Evaluator:	Steven Miller, CPSSc	SUE SUE SUE
Lot #:	<u>_</u>	Sc	oil & Environmental Consulting, Inc.	Signature: 26423
Test Hole #:	15-2	_	P.O. Box 1121	
Latitude/Longitude:		_	Delaware OH 43015	Phone#: p-614.579.1164
Method:	Pit Auger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
		Soil Series:		

rofile						Estimatir	ng Soil Permeal	oility			
	Munse	ll Color (hue, value,	chroma)								
		Redoximorp	hic Features		Texture			Structure			
Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
0 to 10	10YR 4/3			sil	20	2	1	m	gr	fr	
10 to 16	10YR 5/4		10%10yr 5/2	sicl	32	2	2	m	sbk	fi	
16 to 25	10YR 5/4		25%10YR 5/2	sicl	36	2	2	m	sbk	fi	
25 to 32	10YR 5/4		20%10YR 5/2	sicl	35	2	1	m	sbk	fi	
32+	10YR 4/4		15%10Yr 5/2	cl	32	5	0		m	vfi	
7	Danish G	.)	Description				Dama	ular / Diala Ea	4		
				G. C.	1 111 1	. 1 1					
		perc	ned on glacial till	Surface wat	ter should be di	verted around s	system. Subsurf	ace ag drainag	ge may be pro	esent.	
Iviatciiai											
			glacial till								
a	Depth (inches) 0 to 10 10 to 16 16 to 25 25 to 32	Munsel	Munsell Color (hue, value,   Redoximorp   Redoximorp	Munsell Color (hue, value, chroma)   Redoximorphic Features	Munsell Color (hue, value, chroma)   Redoximorphic Features	Munsell Color (hue, value, chroma)   Redoximorphic Features   Texture	Munsell Color (hue, value, chroma)   Redoximorphic Features   Texture	Munsell Color (hue, value, chroma)   Redoximorphic Features   Texture   Approx. % Clay   Fragments   Grade	Munsell Color (hue, value, chroma)   Redoximorphic Features   Texture   Approx.   Ap	Munsell Color (hue, value, chroma)   Redoximorphic Features   Texture   Structure	Munsell Color (hue, value, chroma)   Redoximorphic Features   Texture   Structure   Type (shape)   Concentrations   Depletions   Class   Approx. % (Class   Fragments   Grade   Size (shape)   Consistence

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	and the second
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	1/8
_	Ashley	Percent Slope:	1.0%	(cecpaes)
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	land the second second
Address:		Bedrooms or GPD:	4	STEVENA MILLER
-		Date:	Wednesday, October 23, 2024	CERTIFIED PROFESSIONAL
Phone #:		Evaluator:	Steven Miller, CPSSc	1 O Sole Soletins
Lot #:	<u>_</u>		Soil & Environmental Consulting, Inc.	Signature: Signature: 3842
Test Hole #:	16-1		P.O. Box 1121	
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	Pit Auger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
_		Soil Series:		
C 47 Th 047				* 4*4 ·

Soil	Profile		imating Soil Satur				Estimatin	g Soil Permeal	bility			
		Munse	ll Color (hue, value,									
			Redoximorp	hic Features		Texture	,	Structure				
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 6	10YR 3.5/3			sil	25	2	1	m	gr	fr	
A	6 to 12	10YR 3/2	25%10YR 5/4		sicl	35	2	2	m	sbk	fi	
Btg	12 to 55	10YR 5/1	20%10yR 5/6		sic	40	2	2	m	sbk	fi	
BCg	55 to 60	10YR 5/2	20%10YR 5/8		sicl	35	2	1	m	sbk	fi	
Cdg	60+	`10YR 6/2	30%10YR 5/8		cl	32	5	0		m	vfi	
Limiting	Conditions	Depth (in	1)	Description				Rema	rks / Risk Fac	tors:		
Perched Seasonal		6	perc	hed on glacial till	Surface wat	er should be di	verted around sy	ystem. Subsurf	ace ag drainag	e may be pro	esent.	_
Apparent Water		>60										
Highly Permeable	e Material	>60										
Bedrock		>60										
Restrictive Layer		60		glacial till								

County:	Morrow	Land Use / Vegetation:	Ag / Bean Stubble	and the second
Township / Sec.:	Peru	Landform:	Till Plain	
Property Address/Location:	North of 1469 Township Road 165	Position on Landform:	Backslope	
_	Ashley	Percent Slope:	1.0%	(cecpaes)
Applicant Name:	Auction Services, LLC	Shape of Slope:	Linear / Linear	
Address:		Bedrooms or GPD:	4	STEVEN A MILLER
_		Date:	Wednesday, October 23, 2024	CERTIFIED PROFESSIONAL /
Phone #:		Evaluator:	Steven Miller, CPSSc	1 O Sole Soletins
Lot #:	<u>_</u>		Soil & Environmental Consulting, Inc.	Signature: Sp. A Sp. 3842
Test Hole #:	16-2		P.O. Box 1121	
Latitude/Longitude:			Delaware OH 43015	Phone#: p-614.579.1164
Method:	PitAuger X Probe	Job Number:	24J328	soilconsultant@yahoo.com
		Soil Series:		-

Soil 1	Profile		imating Soil Satur				Estimatiı	ng Soil Permea	bility			
		Munsel	l Color (hue, value									
			Redoximor	ohic Features		Texture			Structure			
Horizon	Depth (inches)	Matrix Color	Concentrations	Depletions	Class	Approx. % Clay	Approx. % Fragments	Grade	Size	Type (shape)	Consistence	Other Soil Features
Ap	0 to 6	10YR 3.5/3			sil	25	2	1	m	gr	fr	
A	6 to 10	10YR 3/2	30%10YR 5/4		sicl	35	2	2	m	sbk	fi	
Btg	10 to 50	10YR 6/1	25%10yR 5/8		sic	40	2	2	m	sbk	fi	
BCg	50 to 58	10YR 6/2	20%10YR 5/8		sicl	35	2	1	m	sbk	fi	
Cdg	58+	`10YR 6/2	30%10YR 5/8		cl	32	5	0		m	vfi	
Limiting	Conditions	Depth (ir	1)	Description					rks / Risk Fac			
Perched Seasonal		6	pero	thed on glacial till	Surface wat	er should be di	verted around s	system. Subsurf	ace ag drainag	e may be pro	esent.	
Apparent Water T		>60										
Highly Permeable	Material	>60										
Bedrock		>60										
Restrictive Layer		58		glacial till								