SOIL T	RD STREET ESTING MINARY)
	T 30, 2021 (Y 1)

Location Address 170 Orchard Street, Newbury										
				On-site	Review					
Deep Hole N	umber:	TP-1	Date:	8/30/2021	Time:	Weather:	75°, Cloudy			
Location:	(see site pla	n)		Ground	Elevation at Surf	face of Hole:	53+/-			
Land Use:	Agricultrual I	ield		Surface Stones: None						
Vegetation:	Grass			Landform:	Landform:					
Slope(%): Distance from										
Open Wat Possible V	ter Body		eet	Drainage Way >100 feet Property Line feet Other						
DEEP OBSERVATION HOLE LOG										
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Te (USE								
0 - 12	Ар	SL								
	Bw C1	SL C. Sa			25"					
	Ci	U. 36	anu							
Grour	Material (geo	erved: Y	es	If Y	es: Depth of Weep		o Refusal			
De Estimated Sea	epth Standing asonal High (_		inches feet					
Does at least Upper Bounda					terial exist: Boundary (inches):	N/A N/A				
	Protection and				lator examination ap formed by me consis		partment of ired training, expertise,			
		Signat	ure				Date			

Location Add	Location Address 170 Orchard Street, Newbury									
			On-site	Review						
Deep Hole No	umber:	TP-2 Date:	8/30/2021	Time:	Weather: 75°, Cloudy					
Location:	(see site pla	n)	Ground	l Elevation at Suri	face of Hole:					
Land Use:	Agricultrual I	Field	Surface	Surface Stones: None						
Vegetation:	Hay		Landform:	Landform:						
Slope(%): 0 - 5% Distance from:										
Open Wat Possible V	er Body Vet Area			Drainage Way >100 feet Property Line feet Other						
DEEP OBSERVATION HOLE LOG										
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Texture (USDA)	Soil Color (Munsell)	Redoximorphic Features	Other Other (Structure, Kind & Grade, Consistency, % Gravel, Stones, Boulders)					
0 - 14	Ар									
14 - 31	Bw C1	SiL		 32"	I I a side Massila d V. Eine					
31 +	Ci	SIL		32	Heavily Mottled, V. Firm Water buddling in @ 54"					
					Valer badding in @ 54					
Parent Material (geologic): Depth of Bedrock: No Refusal Groundwater Observed: Yes										
De Estimated Sea		Water in Hole: Groundwater:	48	inches feet						
Upper Bounda		rally occurring N/A		i terial exist: Boundary (inches):	N/A N/A					
	Protection and				proved by the Department of stent with the required training, expertise,					
		Signature _			Date					

Location Add	Location Address 170 Orchard Street, Newbury									
				On-site	Review					
Deep Hole No	umber:	TP-3	Date:	8/30/2021	Time:	Weather:	75°, Cloudy			
Location:	(see site pla	n)		Ground	l Elevation at Surf	face of Hole:				
Land Use:	Agricultrual I	-ield		Surface	Surface Stones: None					
Vegetation:	Hay			Landform:	Landform:					
Slope(%): Distance from										
Open Wat Possible V	ter Body Wet Area Vater Well		eet		Way >100 Line					
DEEP OBSERVATION HOLE LOG										
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Te		Soil Color (Munsell)	Redoximorphic Features	Consistency	Other ture, Kind & Grade, , % Gravel, Stones, ılders)			
0 - 12	Ар	S								
12 - 30 30 +	Bw C1	VF Si			30"	 V. Firm				
30 1	01	01	<u> </u>			V. 1 IIIII				
Grour	ndwater Obs	erved:	⁄es		es: Depth of Wee		o Refusal			
De Estimated Sea	pth Standing				inches feet					
Estimated Sea	asonai riigii (Jiouriuw	alti.		ieet					
Does at least Upper Bounda					terial exist: Boundary (inches):	N/A N/A				
	Protection and				uator examination ap formed by me consis		partment of ired training, expertise,			
		Signa	ture			_	Date			

Location Add	Location Address 170 Orchard Street, Newbury									
				On-site	Review					
Deep Hole No	umber:	TP-4	Date:	8/30/2021	Time:	Weather:	75°, Cloudy			
Location:	(see site pla	n)		Ground	Elevation at Surf	face of Hole:				
Land Use:	Agricultrual I	-ield		Surface	Surface Stones: None					
Vegetation:	Hay			Landform:	Landform:					
Slope(%): Distance from										
Open Wat Possible V	ter Body Wet Area Vater Well		et		Way >100 Line					
DEEP OBSERVATION HOLE LOG										
Depth from Surface (inches)	Soil Horizon/ Layer		Soil Texture (USDA) Soil Color (Munsell) Features Consistency, % Gravel, Store Boulders)							
0 - 14	Ар	SL	-							
14 - 30	FSL				18"					
30 - 70	C. Sand									
Grour	ndwater Obs	erved: Y	es	lf Y	Depth of es: Depth of Wee		o Refusal			
	pth Standing				inches					
Estimated Sea	asonal High (3roundwa	ater:		feet					
					terial exist: Boundary (inches):	N/A N/A				
	Protection and				nator examination ap formed by me consis		partment of iired training, expertise,			
		Signat	ure				Date			

Location Add	Location Address 170 Orchard Street, Newbury									
				On-site	Review					
Deep Hole No	umber:	TP-5	Date:	8/30/2021	Time:	Weather:	75°, Cloudy			
Location:	(see site plan	n)		Ground	l Elevation at Surf	ace of Hole:				
Land Use:	Agricultrual I	ield		Surface	Surface Stones: None					
Vegetation:	Hay			Landform:	Landform:					
Slope(%): Distance from										
Open Wat Possible V	er Body		eet		Drainage Way >100 feet Property Line feet Other					
DEEP OBSERVATION HOLE LOG										
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Te		Soil Color (Munsell)	Redoximorphic Features	Other (Struct Consistency,	Other ure, Kind & Grade, % Gravel, Stones, lders)			
0 - 16	Ар									
16 - 42	Bw	FS			 4 4 !!	Liele envisente				
42 - 84	C1	C. S	and		44"	Hole caving in				
Grour	ndwater Obs	erved:	⁄es		es: Depth of Wee		o Refusal			
De Estimated Sea	pth Standing				inches feet					
LStilllated Sea	asonai i ligii C	Jiouriuw	alci.		1661					
Does at least Upper Bounda					terial exist: Boundary (inches):	N/A N/A				
•	Protection and		•		uator examination ap formed by me consis	•	partment of ired training, expertise,			
		Signa	ture				Date			

Location Add	Location Address 170 Orchard Street, Newbury									
				On-site	Review					
Deep Hole No	umber:	<u>TP-6</u>	Date: _	8/30/2021	Time:	Weather:	75°, Cloudy			
Location:	(see site pla	n)		Ground	Elevation at Surf	ace of Hole:				
Land Use:	Agricultrual I	ield		Surface	Surface Stones: None					
Vegetation:	Hay			Landform:	Landform:					
Slope(%): Distance from										
Open Wat Possible V	ter Body Wet Area Vater Well		et		Way >100 Line					
DEEP OBSERVATION HOLE LOG										
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Tex (USD/		Soil Color (Munsell)	Redoximorphic Features	Other (Struct Consistency,	Other ture, Kind & Grade, , % Gravel, Stones, ılders)			
0 - 20	Ар	SL								
20 - 36	Bw	FSL								
36+	C1	L								
Parent Material (geologic): Depth of Bedrock: No Refusal Groundwater Observed: Yes If Yes: Depth of Weeping from Pit:										
De Estimated Sea	epth Standing		_		inches feet					
Estimated Sea	asonai riigii (Jiouriuwai	.ei		ieet					
Does at least Upper Bounda					terial exist: Boundary (inches):	N/A N/A				
Environmental	Certification I certify that onN/A I have passed the soil evaluator examination approved by the Department of Environmental Protection and that the above analysis was performed by me consistent with the required training, expertise, and experience des									
		Signatu	re				Date			

Location Address 170 Orchard Street, Newbury										
				On-site	Review					
Deep Hole N	umber:	TP-7	Date:	8/30/2021	Time:	Weather:	75°, Cloudy			
Location:	(see site plan	n)		Ground	Elevation at Surf	ace of Hole:				
Land Use:	Agricultrual I	ield		Surface Stones: None						
Vegetation:	Hay			Landform:	Landform:					
Slope(%): Distance from	Slope(%): 0 - 5%									
Open Water Body >100 feet Possible Wet Area >100 feet Drinking Water Well >100 feet				· · ·						
DEEP OBSERVATION HOLE LOG										
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Te	xture	Soil Color (Munsell)	Redoximorphic Features	Other (Structu Consistency,	Other ure, Kind & Grade, % Gravel, Stones, ders)			
0 - 19	Ар									
19 - 36	Bw	FS			32"					
36 - 60	C1	LS				 \\/_t_= bbblic.c.t	hwy hualcan layen			
66 - 72 72 - 86	C2 C3	Si Sai				ubbling t	hru broken layer			
12 - 00	- 03	Sai	iu		<u></u>					
Parent M	Material (geo	logic):	'	•	Depth of	Bedrock: No	Refusal			
	ndwater Obserpth Standing asonal High (Water ir	Hole:	66	es: Depth of Weep inches feet	oing from Pit:				
Does at least Upper Bounda		•	_	•	terial exist: Boundary (inches):	N/A N/A				
Certification I certify that onN/A I have passed the soil evaluator examination approved by the Department of Environmental Protection and that the above analysis was performed by me consistent with the required training, expertise, and experience des										
		Signa	ure				Date			

Location Address 170 Orchard Street, Newbury										
				On-site	Review					
Deep Hole No	umber:	<u>TP-8</u> D a	ate:	8/30/2021	Time:	Weather: 75°, Cloudy				
Location:	(see site pla	n)		Ground	Elevation at Surf	ace of Hole:				
Land Use:	Agricultrual I	Field		Surface Stones: None						
Vegetation:	Hay			Landform:						
Slope(%): Distance from										
Open Water Body >100 feet Possible Wet Area >100 feet Drinking Water Well >100 feet			t	Drainage Way >100 feet Property Line feet Other						
DEEP OBSERVATION HOLE LOG										
Depth from Surface (inches)	Soil Horizon/ Layer	(USDA) (Munsell) Features Consistency, % Gravel				Other Other (Structure, Kind & Grade, Consistency, % Gravel, Stones, Boulders)				
0 - 18	Ap									
18 - 36 36 - 80	Bw C1	LS C. San	٦			 Hole caving in				
30 - 60	Ci	C. San	u			Tible caving in				
Grour	Material (geo	erved: Yes	S	If Y	es: Depth of Weep	Bedrock: No Refusal ping from Pit:				
De Estimated Sea	pth Standing				inches feet					
Louinated Co.	asonai riigii (Siodilawate	"· <u> </u>		1001					
Does at least Upper Bounda					terial exist: Boundary (inches):	N/A N/A				
	Protection and					proved by the Department of stent with the required training, expertise,				
		Signature	e			Date				

Location Add	Location Address 170 Orchard Street, Newbury									
				On-site	Review					
Deep Hole No	umber:	TP-9	Date:	8/30/2021	Time:	Weather:	75°, Cloudy			
Location:	(see site plan	n)		Ground	Elevation at Surf	face of Hole:				
Land Use:	Agricultrual F	-ield		Surface	Surface Stones: None					
Vegetation:	Hay			Landform:	Landform:					
Slope(%): Distance from										
Open Wat Possible V	er Body		eet		Drainage Way >100 feet Property Line feet Other					
DEEP OBSERVATION HOLE LOG										
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Te		Soil Color (Munsell)	Redoximorphic Features	Other (Struct Consistency,	Other ture, Kind & Grade, , % Gravel, Stones, ilders)			
0 - 15	Ар									
15 - 30	Bw	L:				Lists services in				
30 - 80	C1	C. S	and			Hole caving in				
Parent Material (geologic): Depth of Bedrock: No Refusal Groundwater Observed: Yes If Yes: Depth of Weeping from Pit:										
Estimated Sea	pth Standing				inches feet					
Latimated Oct	asonai riigir C	Jiodilaw	alci.		1661					
Does at least Upper Bounda					terial exist: Boundary (inches):	N/A N/A				
	Protection and				uator examination ap formed by me consis		partment of ired training, expertise,			
		Signa	ture				Date			

Location Add	dress	170 Orchard Street, Newbury								
				On-site	Review					
Deep Hole Nu	umber:	TP-10	Date:	8/30/2021	Time:	Weather:	75°, Cloudy			
Location:	(see site pla	n)		Ground	Elevation at Surf	face of Hole:				
Land Use:	Agricultrual I	-ield		Surface	Stones: None					
Vegetation:	Hay			Landform:						
Slope(%): Distance fror										
Possible V	er Body Vet Area Vater Well	>100 f	eet	Drainage Property Other	Way <u>>100</u> Line	feet feet				
DEEP OBSERVATION HOLE LOG										
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Te		Soil Color (Munsell)	Redoximorphic Features	Consistency	Other sture, Kind & Grade, r, % Gravel, Stones, ulders)			
0 - 12	Ар									
12 -	Bw	Si			18"					
- 90	C1	Si	L							
Parent N	/laterial (geo	logic): _			Depth of	Bedrock: N	o Refusal			
	ndwater Obs opth Standing asonal High (Water ir	n Hole:	88	es: Depth of Wee inches feet	ping from Pit:				
Does at least Upper Bounda			urring A		terial exist: Boundary (inches):	N/A N/A				
	Protection and				nator examination ap formed by me consis		partment of uired training, expertise,			
		Signa	ture				Date			

Location Add	Location Address 170 Orchard Street, Newbury									
				On-site	Review					
Deep Hole No	umber:	TP-11	Date:	8/30/2021	Time:	Weather:	75°, Cloudy			
Location:	(see site pla	n)		Ground	Elevation at Surf	ace of Hole:				
Land Use:	Agricultrual I	Field		Surface	Surface Stones: None					
Vegetation:	Hay			Landform:	Landform:					
Slope(%): Distance from										
Open Wat Possible V	ter Body Wet Area Vater Well		eet		Way >100 Line					
DEEP OBSERVATION HOLE LOG										
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Te		Soil Color (Munsell)	Redoximorphic Features	Other (Struct Consistency,	Other cure, Kind & Grade, % Gravel, Stones, lders)			
0 - 10	Ар									
10 -	Bw C4	Si Si			20"	Heavily Mottled				
- 88	C1	31	L							
Grour	ndwater Obs	erved: Y	'es		es: Depth of Wee		o Refusal			
De Estimated Sea	epth Standing				inches feet					
Latimated Ge	asonai riigir (Jiodilaw	ater.		1661					
Does at least Upper Bounda					terial exist: Boundary (inches):	N/A N/A				
	Protection and				lator examination ap formed by me consis		partment of ired training, expertise,			
		Signa	ture				Date			

Location Add	dress	170 Orchard Street, Newbury						
				On-site	Review			
Deep Hole N	umber:	<u>TP-12</u>	Date:	8/30/2021	Time:	Weather:	75°, Cloudy	
Location:	(see site pla	n)		Ground	l Elevation at Surf	ace of Hole: _		
Land Use:	Agricultrual l	Field		Surface	Stones: None			
Vegetation:	Hay			Landform:				
Slope(%): Distance fror								
Possible V	er Body Vet Area Vater Well	>100 f	eet	Drainage Property Other	Way >100 Line	feet feet		
			DEEP	OBSERVA	TION HOLE LO)G		
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Te		Soil Color (Munsell)	Redoximorphic Features	Consistency	Other sture, Kind & Grade, v, % Gravel, Stones, ulders)	
0 - 36		Sand 8	VFSL					
		ļ						
		1						
		1						
Parent N	/laterial (geo	logic):			Depth of	Bedrock: N	o Refusal	
Groundwater Observed: Yes If Yes: Depth of Weeping from Pit: Depth Standing Water in Hole: 12 inches Estimated Seasonal High Groundwater: feet								
Does at least Upper Bounda			urring 'A		terial exist: Boundary (inches):	N/A N/A		
Environmental	Certification I certify that onN/A I have passed the soil evaluator examination approved by the Department of Environmental Protection and that the above analysis was performed by me consistent with the required training, expertise, and experience des							
		Signa	ture				Date	

Location Address 170 Orchard Street, Newbury								
				On-site	Review			
Deep Hole No	umber:	TP-13	Date:	8/30/2021	Time:	Weather:	75°, Cloudy	
Location:	(see site pla	n)		Ground	Elevation at Surf	face of Hole:		
Land Use:	Agricultrual I	Field	eld Surface Stones: None					
Vegetation:	Hay			Landform:				
Slope(%): Distance from								
Open Wat Possible V	ter Body Wet Area Vater Well		eet		Way >100 Line			
			DEEP	OBSERVA	TION HOLE LO)G		
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Te	exture	Soil Color (Munsell)	Redoximorphic Features	Other (Struct	Other ture, Kind & Grade, % Gravel, Stones, llders)	
0 - 10	Ар	S						
10 - 40	Bw	VF			21"			
40 - 80	C1	C. S	and					
Parent N	/laterial (geo	logic):_			Depth of	Bedrock: No	o Refusal	
	ndwater Obs pth Standing asonal High (Water ir	n Hole:	46	es: Depth of Weel inches feet	oing from Pit:		
Does at least Upper Bounda					terial exist: Boundary (inches):	N/A N/A		
	I certify that onN/A I have passed the soil evaluator examination approved by the Department of Environmental Protection and that the above analysis was performed by me consistent with the required training, expertise,							
		Signa	ture				Date	

170 ORCHARD STREET SOIL TESTING (PRELIMINARY)	
MAY 6, 2022 (DAY 2)	

Location Address 170 Orchard Street, Newbury					
			On-site F	<u>Review</u>	
Deep Hole N	umber:	<u>TP-1-22</u> Date:	5/6/2022	Time:	Weather: 65°, Cloudy
Location:	(see site pla	n)	Ground	l Elevation at Surf	face of Hole:
Land Use:	Agricultrual I	Field	Surface	Stones: None	
Vegetation:	Grass / Wee	eds	Landform:		
Slope(%): Distance from					
	ter Body	feet	Drainage	Way	feet
Possible \	•		Property	·	feet
				Line	_ieet
Drinking v	Vater Well	feet	Other		
		DEEP (DBSERVAT	ION HOLE LO	
Depth from Surface	Soil Horizon/	Soil Texture	Soil Color	Redoximorphic	Other Other (Structure, Kind & Grade,
(inches)	Layer	(USDA)	(Munsell)	Features	Consistency, % Gravel, Stones, Boulders)
0 - 32	FILL				Bricks, Topsoil
32 - 48	C1	C. Sand			
Parent	t Material (ge	eologic):		Depth of	f Bedrock: No Refusal
Gra	undwatar Oh	noomanda Voo	lf √	os: Donth of Woo	ning from Dit:
		oserved: Yes ng Water in Hole:		es: Depth of Wee inches	ping nom Pit.
Estimated Se	•	-		feet	
	.			,	
		rally occurring p N/A		erial exist: Boundary (inches):	N/A N/A
Certification	_4 N1/A	I beautiful and a second	41		and buttle Department 6
•	Protection and				roved by the Department of ent with the required training, expertise,
and expendition	. 200	Signature			Date

Location Address 170 Orchard Street, Newbury					
			On-site F	<u>Review</u>	
Deep Hole N	umber:	TP-2-22 Date:	5/6/2022	Time:	Weather: 65°, Cloudy
Location:	(see site pla	n)	Ground	l Elevation at Surl	face of Hole:
Land Use:	Agricultrual	Field	Surface	Stones:	
Vegetation:	Grass / Wee	eds	Landform:		
Slope(%): Distance from					
	ter Body	feet	Drainage	Way	feet
Possible \	•		Property		feet
	Vater Well	feet	Other		
		DEEP (DBSERVAT	ION HOLE LO	G
5 // 6					Other
Depth from	Soil	Soil Texture	Soil Color	Redoximorphic	Other (Structure, Kind & Grade,
Surface	Horizon/	(USDA)	(Munsell)	Features	Consistency, % Gravel, Stones,
(inches)	Layer				Boulders)
0 - 32	FILL				Topsoil / fill
32 - 54	B/C	C. Sand			
54+	C2	V FSL			Heavily Mottled
	 				
Paren	t Material (ge	eologic):		Depth of	f Bedrock: No Refusal
Gro	undwater Ok	oserved: Yes	If ∨	es: Depth of Wee	ning from Pit
		ng Water in Hole:		inches	ping nom r it.
Estimated Se	•	~		feet	
	J	•			
Does at least	t 4-ft of natu	rally occurring p	ervious mate	erial exist:	N/A
Upper Bound	ary (inches) :	N/A	Lower E	Boundary (inches):	N/A
0.05.00					
Certification	nation NI/A	I have peeced	the soil evalue	tor ovamination appr	oved by the Department of
					oved by the Department of ent with the required training, expertise,
and experience		i that the above alla	ayolo waa perio	iniou by the consiste	one was the required training, expertise,
•		Signature			Date
		J —			

Location Add	dress	170 Orchard Street, Newbury					
			On-site F	<u>Review</u>			
Deep Hole Nu	umber:	<u>TP-3-22</u> Date:	5/6/2022	Time:	Weather:	65°, Cloudy	
Location:	(see site pla	n)	Ground	l Elevation at Surf	face of Hole:		
Land Use:	Agricultrual I	Field	Surface	Stones: None			
Vegetation:	Grass / Wee	eds	Landform:				
Slope(%): Distance from							
Open Wat Possible V	er Body Vet Area	>100 feet >100 feet >100 feet	Drainage Property Other	Way >100 Line	feet feet		
		DEEP (DBSERVAT	ON HOLE LO	3		
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Texture (USDA)	Soil Color (Munsell)	Redoximorphic Features	Other (Structu Consistency,	Other ure, Kind & Grade, % Gravel, Stones, ders)	
0 - 18	Ap						
18 - 60	B/C	C. Sand					
		eologic):				o Refusal	
	Depth Standir	oserved: Yes ng Water in Hole: Groundwater:	60	es: Depth of Weel inches feet	ping from Pit:		
Does at least Upper Bounda		rally occurring p N/A		e rial exist: Boundary (inches):	N/A N/A		
	Protection and			tor examination appr rmed by me consiste		rtment of ed training, expertise,	
•		Signature				Date	

Location Add	ation Address 170 Orchard Street, Newbury					
			On-site F	<u>Review</u>		
Deep Hole No	umber:	TP-4-22 Date:	5/6/2022	Time:	Weather: 65°, Cloudy	
Location:	(see site pla	n)	Ground	l Elevation at Surf	face of Hole:	
Land Use:	Agricultrual I	Field	Surface	Stones: None		
Vegetation:	Grass / Wee	ds	Landform:			
Slope(%): Distance from						
Open Wat Possible V	er Body Vet Area	>100 feet >100 feet >100 feet	Drainage Property Other	Way >100 Line	feet	
		DEEP (DBSERVAT	ON HOLE LO	G	
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Texture (USDA)	Soil Color (Munsell)	Redoximorphic Features	Other Other (Structure, Kind & Grade, Consistency, % Gravel, Stones, Boulders)	
0 - 36	Ар	FILL		1	Topsoil, Brick	
36 - 60	B/C	SL			More fill	
60 - 84	C2	C. Sand				
Parent	Material (ge	eologic):		Depth of	f Bedrock: No Refusal	
		ng Water in Hole:	If Y	es: Depth of Weel inches feet	ping from Pit:	
		rally occurring p		e rial exist: Boundary (inches):	N/A N/A	
	Protection and				roved by the Department of ent with the required training, expertise,	
		Signature			Date	

Location Add	dress 170 Orchard Street, Newbury					
			On-site F	<u>Review</u>		
Deep Hole N	umber:	<u>TP-5-22</u> Date :	5/6/2022	Time:	Weather: _	65°, Cloudy
Location:	(see site pla	n)	Ground	l Elevation at Surf	face of Hole: _	
Land Use:	Agricultrual I	Field	Surface	Stones: None		
Vegetation:	Grass / Wee	eds	Landform:			
Slope(%): Distance from						
Open Wa Possible \	ter Body Vet Area	>100 feet >100 feet >100 feet	Drainage Property Other	Way >100 Line	feet feet	
		DEEP (OBSERVAT	ON HOLE LO	3	
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Texture (USDA)	Soil Color (Munsell)	Redoximorphic Features	Other (Struct Consistency,	Other ture, Kind & Grade, % Gravel, Stones, llders)
0 - 24	Ap	FILL				
24 - 70	B/C	C. Sand				
Paren	l t Material (ge	eologic):		Depth of	f Bedrock: N	lo Refusal
Groundwater Observed: Yes						
		rally occurring p N/A		erial exist: Boundary (inches):	N/A N/A	
	Protection and			tor examination appr rmed by me consiste		artment of ed training, expertise,
		Signature				Date

Location Add	ion Address 170 Orchard Street, Newbury					
			On-site F	<u>Review</u>		
Deep Hole Nu	umber:	<u>TP-6-22</u> Date:	5/6/2022	Time:	Weather: _	65°, Cloudy
Location:	(see site pla	n)	Ground	l Elevation at Surf	face of Hole: _	
Land Use:	Agricultrual I	Field	Surface	Stones: None		
Vegetation:	Hay	_	Landform:			
Slope(%): Distance from						
Open Wat Possible V	er Body Vet Area	>100 feet >100 feet >100 feet	Drainage Property Other	Way >100 Line	feet	
		DEEP (DBSERVAT	ON HOLE LO	3	
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Texture (USDA)	Soil Color (Munsell)	Redoximorphic Features	Other (Struct Consistency,	Other ture, Kind & Grade, % Gravel, Stones, llders)
0 - 12	Ар					
12 - 34	Bw	FLS				
34 - 80	C1	C. Sand				
Parent	Material (ge	eologic):		Depth of	Bedrock: N	lo Refusal
	Depth Standir	ng Water in Hole: Groundwater:	64	es: Depth of Wee inches feet	ping from Pit: _	
		rally occurring p N/A		e rial exist: Boundary (inches):	N/A N/A	
	Protection and			tor examination appr rmed by me consiste		artment of ed training, expertise,
		Signature				Date

Location Add	cation Address 170 Orchard Street, Newbury						
			On-site F	<u>Review</u>			
Deep Hole Nu	umber:	<u>TP-7-22</u> Date:	5/6/2022	Time:	Weather:	65°, Cloudy	
Location:	(see site pla	n)	Ground	l Elevation at Surf	face of Hole: _		
Land Use:	Agricultrual l	Field	Surface	Stones: None			
Vegetation:	Нау	_	Landform:				
Slope(%): Distance from							
Open Wat Possible V	er Body Vet Area	>100 feet >100 feet >100 feet	Drainage Property Other	Way >100 Line	feet feet		
		DEEP (DBSERVAT	ON HOLE LO	G		
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Texture (USDA)	Soil Color (Munsell)	Redoximorphic Features	Other (Struct Consistency,	Other cure, Kind & Grade, % Gravel, Stones, lders)	
0 - 12	Ар						
12 - 36	Bw	FLS					
36 - 42	C1	FSL - L			V. Firm		
42 - 80	C2	C. Sand					
Parent	: Material (ge	eologic):		Depth of	f Bedrock: N	o Refusal	
	Depth Standir	oserved: Yes ng Water in Hole: Groundwater:	64	es: Depth of Wee inches feet	ping from Pit: _		
		rally occurring p		e rial exist: Boundary (inches):	N/A N/A		
	Protection and			tor examination appr rmed by me consiste		artment of ed training, expertise,	
		Signature				Date	

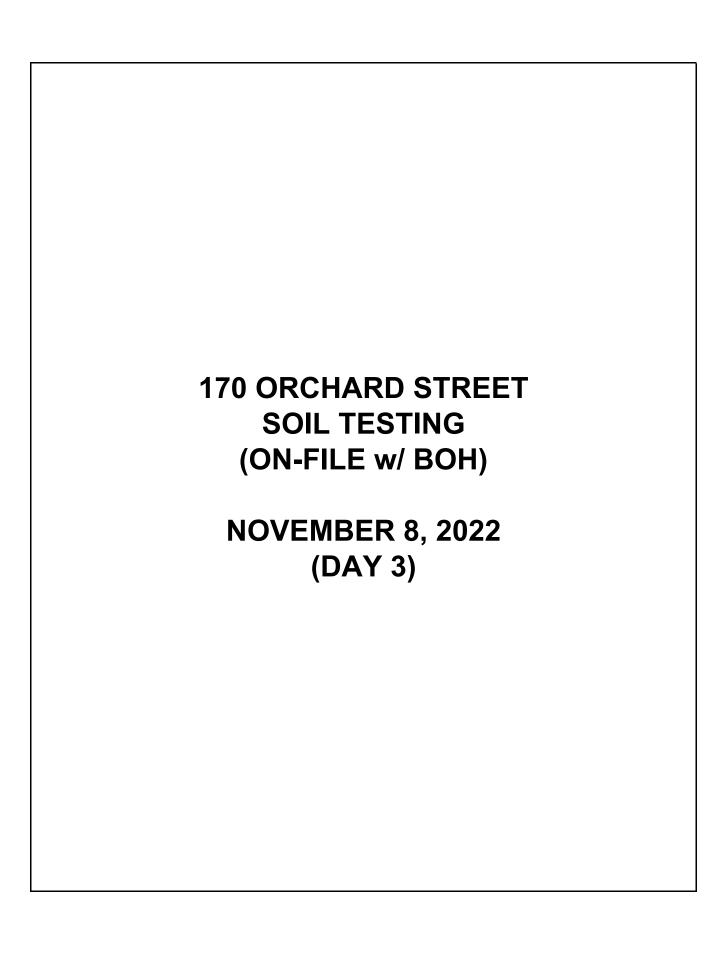
Location Add	ation Address 170 Orchard Street, Newbury					
			On-site F	<u>Review</u>		
Deep Hole Nu	umber:	<u>TP-8-22</u> Date:	5/6/2022	Time:	Weather: _	65°, Cloudy
Location:	(see site pla	n)	Ground	l Elevation at Surf	face of Hole: _	
Land Use:	Agricultrual I	Field	Surface	Stones: None		
Vegetation:	Hay		Landform:			
Slope(%): Distance from						
Open Wat Possible V	er Body Vet Area	>100 feet >100 feet >100 feet	Drainage Property Other	Way >100 Line	feet feet	
		DEEP (DBSERVAT	ON HOLE LO	3	
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Texture (USDA)	Soil Color (Munsell)	Redoximorphic Features	Other (Struct Consistency,	Other ture, Kind & Grade, % Gravel, Stones, llders)
0 - 12	Ар					
12 - 34	Bw	FLS				
34 - 75	C1	C. Sand				
Parent	Material (ge	eologic):		Depth of	f Bedrock: N	lo Refusal
	Depth Standir	oserved: Yes ng Water in Hole: Groundwater:	60	es: Depth of Wee inches feet	ping from Pit: _	
		rally occurring p		erial exist: Boundary (inches):	N/A N/A	
	Protection and			tor examination appr rmed by me consiste		artment of ed training, expertise,
		Signature				Date

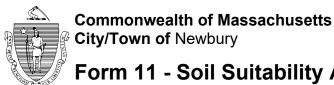
Location Add	ation Address 170 Orchard Street, Newbury						
			On-site F	<u>Review</u>			
Deep Hole Nu	umber:	<u>TP-9-22</u> Date :	5/6/2022	Time:	Weather:	65°, Cloudy	
Location:	(see site pla	n)	Ground	l Elevation at Surf	face of Hole: _		
Land Use:	Agricultrual l	Field	Surface	Stones: None			
Vegetation:	Нау		Landform:				
Slope(%): Distance from							
Open Wat Possible V	er Body Vet Area	>100 feet >100 feet >100 feet	Drainage Property Other	Way >100 Line	feet feet		
		DEEP (DBSERVAT	ON HOLE LO	3		
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Texture (USDA)	Soil Color (Munsell)	Redoximorphic Features	Other (Struct Consistency,	Other cure, Kind & Grade, % Gravel, Stones, lders)	
0 - 10	Ар						
10 - 27	Bw	FLS					
27 - 84	C1	C. Sand		52"			
Parent	: Material (ge	eologic):		Depth of	f Bedrock: N	lo Refusal	
	Depth Standir	ng Water in Hole: Groundwater:	80	es: Depth of Weel inches feet	ping from Pit: _		
		rally occurring p N/A		e rial exist: Boundary (inches):	N/A N/A		
	Protection and			tor examination appr rmed by me consiste		artment of ed training, expertise,	
		Signature				Date	

Location Add	dress	170 Orchard St	eet, Newbury								
			On-site R	<u>eview</u>							
Deep Hole No	umber:	TP-10-22 Date	e: <u>5/6/2022</u>	Time:	Weather:	65°, Cloudy					
Location:	(see site pla	n)	Ground	l Elevation at Suri	face of Hole:						
Land Use:	Agricultrual	Field	Surface	Stones: None							
Vegetation:	Hay		_ Landform:								
Slope(%): Distance from			_								
Possible V	ter Body Vet Area Vater Well	>100 feet >100 feet >100 feet	Drainage Property Other	Way >100 Line	= "						
		DEEP	OBSERVATI	ON HOLE LOG	i						
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Texture (USDA)	Soil Color (Munsell)	Redoximorphic Features	Other (Structu Consistency,	Other Ire, Kind & Grade, % Gravel, Stones, ders)					
0 - 12	Ар										
12 - 38	Bw	FLS									
38 - 78	C1	C. Sand		50"							
78 - 88 88 - 102	C2 C3	SiL C. Sand									
00 - 102	C3	C. Sand									
Parer	nt Material (g	geologic):	•	Depth of	f Bedrock: N	o Refusal					
Parent Material (geologic): Depth of Bedrock: No Refusal Groundwater Observed: If Yes: Depth of Weeping from Pit: Depth Standing Water in Hole: 100 inches Estimated Seasonal High Groundwater: feet											
	Does at least 4-ft of naturally occurring pervious material exist: Upper Boundary (inches): N/A N/A Lower Boundary (inches): N/A										
Environmental	Certification I certify that onN/A I have passed the soil evaluator examination approved by the Department of Environmental Protection and that the above analysis was performed by me consistent with the required training, expertise, and experience des										
	Signature Date										

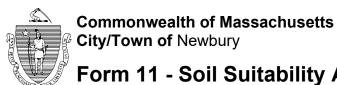
Location Add	dress	170 Orchard Stre	et, Newbury								
			On-site Re	<u>eview</u>							
Deep Hole No	umber:	<u>TP-11-22</u> Date :	5/6/2022	Time:	Weather:	65°, Cloudy					
Location:	(see site pla	n)	Ground	l Elevation at Surf	face of Hole:						
Land Use:	Agricultrual I	Field	Surface	Stones: None							
Vegetation:	Hay		Landform:								
Slope(%): Distance from			.								
•	-	>100 feet		Way >100							
Possible V Drinking V	Vet Area Vater Well	>100 feet >100 feet	Property Other	Line	_feet						
		DEEP O	BSERVATI	ON HOLE LOG	ì						
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Texture (USDA)	Soil Color (Munsell)	Redoximorphic Features	Other (Structu Consistency, %	Other re, Kind & Grade, % Gravel, Stones, lers)					
0 - 14	Ap			-							
14 - 36	Bw C4	FLS C. Sand									
36 - 60 60 - 100	C1 C2	SiL			Heavily mottled						
00 - 100	- OZ	OIL			ricavily motica						
						-					
Parer	nt Material (g	geologic):		Depth of	f Bedrock: No	o Refusal					
	Groundwater Observed: If Yes: Depth of Weeping from Pit: inches Estimated Seasonal High Groundwater: feet										
	Does at least 4-ft of naturally occurring pervious material exist: Upper Boundary (inches): N/A Lower Boundary (inches): N/A										
Environmental	Certification I certify that onN/A I have passed the soil evaluator examination approved by the Department of invironmental Protection and that the above analysis was performed by me consistent with the required training, expertise, and experience des										
		Signature				Date					

Location Add	dress	170 Orchard S	treet, Newbury							
			On-site Ro	<u>eview</u>						
Deep Hole No	umber:	TP-12-22 Dat	te: 5/6/2022	Time:	Weather:	65°, Cloudy				
Location:	(see site pla	n)	Ground	l Elevation at Surf	face of Hole:					
Land Use:	Agricultrual	Field	Surface	Stones: None						
Vegetation:	Hay		Landform:							
Slope(%): Distance from										
Open Wat Possible V	er Body	>100 feet >100 feet >100 feet	Drainage Property Other	Way >100 Line	feet feet					
		DEEP	OBSERVATI	ON HOLE LOG						
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Texture (USDA)		Redoximorphic Features	Other (Structu Consistency,	Other ure, Kind & Grade, % Gravel, Stones, ders)				
0 - 12	Ар									
12 - 40	Bw	SL		36"						
40 - 66 66+	C1 C2	C. Sand SiL								
001	02	SIL		<u></u>	 					
Parer	nt Material (ç	geologic):		Depth of	f Bedrock: N	o Refusal				
Parent Material (geologic): Depth of Bedrock: No Refusal Groundwater Observed: Yes If Yes: Depth of Weeping from Pit: Depth Standing Water in Hole: 66 inches Estimated Seasonal High Groundwater: feet										
Does at least 4-ft of naturally occurring pervious material exist: Upper Boundary (inches): N/A Lower Boundary (inches): N/A										
Environmental	Certification I certify that onN/A I have passed the soil evaluator examination approved by the Department of Environmental Protection and that the above analysis was performed by me consistent with the required training, expertise, and experience des									
		Signature				Date				





	Estate of Lewis Bulgaris Owner Name					
	170 Orchard Street		R20 / 43A			
	Street Address		Map/Lot #			
	Newbury	MA	01922			
	City	State	Zip Code			
В.	. Site Information					
1.	(Check one) New Construction	Upgrade				
2.	Soil Survey Web Soil Survey	225A			/ery Fine Sand	dy Loam
	Source	Soil Map Unit		Soil Series		
	Valleys	High Ground	vater			
	Landform	Soil Limitations				
	Friable coarse-silty eolian deposits over soft coar	rse-silty glaciolacust	rine deposits derived from metamorp	hic rock		
	Soil Parent material					
3.	Surficial Geological Report MassGIS				avel; Fine Gra	ined Deposits
	Year Published/S	Source		Map Unit		
	Description of Geologic Map Unit:					
4.		atory floodway? [☐ Yes ⊠ No			
1 .	Flood Rate Insurance Map Within a regula	atory floodway? [☐ Yes			
5.	Flood Rate Insurance Map Within a regula Within a velocity zone? Yes No	atory floodway? [☑ No	☐ Yes ☑ No If yes, MassGIS Wetland Data	Layer:	N/A Wetland Type	
5. 6.	Flood Rate Insurance Map Within a regula Within a velocity zone? Yes No Within a Mapped Wetland Area? Yes	,	If yes, MassGIS Wetland Data	-	Wetland Type	□ Rolow Normal
5. 6.	Flood Rate Insurance Map Within a regula Within a velocity zone? Yes No	⊠ No 		-		☐ Below Normal
5. 6.	Flood Rate Insurance Map Within a regular Within a velocity zone? Yes No Within a Mapped Wetland Area? Yes Current Water Resource Conditions (USGS):	,	If yes, MassGIS Wetland Data	-	Wetland Type	☐ Below Normal



Cnc:
Dpl:
Cnc:
Dpl:

		00.	· Gaitabilit	,, , ,,		J. J.	0.10	Jonago	D .0p	Jour		
C. On-	Site Revi	ew (minim	num of two hole	es requ	ired at every pi	roposed p	orimary a	and reserv	e dispo	sal area)		
Deep	Observation	n Hole Numb	er: TP-1N Hole #	11/8/2 Date	2 8	:30 me		/eather		Latitude	 Longitude	
	A auria	ltural Field	11010 11	Date		iiie				Lautude	•	
1. Land	Use Agricu	iturai Fieid	ural field, vacant lot, e	to)	Bare Soil / Corn		None		aabblaa ata	nes, boulders, e	0 - 3 Slope (%)	
Dogorintic	e.g., wo on of Location	=		:10.)	vegetation		Suriace	e Stories (e.g.,	copples, sic	illes, boulders, e	c.) Slope (70)	
Description	on or Location	i. <u> </u>	,								<u></u>	
2. Soil F	arent Materia	al:										
					Landforr	n		Position on I	_andscape (SU, SH, BS, FS,	TS, Plain)	
3. Distai	nces from:	Opei	n Water Body 👱	>100 feet	t	Drainag	e Way _	feet		Wetlan	ds <u>>100</u> feet	
		•	•			_	•					
			Property Line 5	57 feet	Dr	inking Wate	er Well <u>></u>	100 feet		Oth	er feet	
4 11				16.1		·-···						
4. Unsu	itable Materi	als Present:	Yes ⋈ No	If Yes:	☐ Disturbed Soil	'Fill Material	Ш	Weathered/	Fractured	Rock 🗌 Be	drock	
		. 54										
5. Grour	ndwater Obse	erved: 🖂 Yes	s 🗌 No		If yes: _	Depth	to Weeping	in Hole	<u>94"</u>	Depth to Standi	ng Water in Hole	
					Soi	l Log						
Danth (in)	Soil Horizon	Soil Texture	Soil Matrix: Color-	1	Redoximorphic Featu	ires		Fragments Volume	Soil	Soil	Other	
Depth (in)	/Layer	(USDA	Moist (Munsell)	Depth	Color	Percent	Gravel	Cobbles & Stones	Structure	Consistence (Moist)	Other	
0 40	Δ	01	40)/D 0/0		Cnc:		-0		0	Ε.		
0 - 13	Ар	SL	10YR 3/2		Dpl:	1	<2	<2	Gran.	Fr.		
4000	_	501	10)(D 5/0		Cnc:		_	•		_		
13 - 28	Bw	FSL	10YR 5/6		Dpl:		<2	<2	Ma.	Fr.		
00 00	0.4		10) (7) 0 (6)	00.1	Cnc:	1						
28 - 88	C1	C. Sand	10YR 6/3	36+/-	Dpl:	1	<2	<2	S.G.	Loose		
					Cnc :			_				
88 - 98	C2	FSL	10YR 5/6		Dnl:	1	<2	<2	Ma.	Firm	Damp	

Additional Notes:

BOE @ 98"; No Refusal



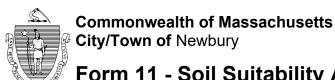
Commonwealth of Massachusetts City/Town of Newbury

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

J. OII (Site Revi	CAA (IIIIIIIIIIII	arri or two riore	o roqui	rea at every p	roposea p	rimary a	and reserv	∕e dispos	sal area)	
Deep	Observation	n Hole Numb		11/8/2							
			Hole #	Date	Т	ime	W	eather		Latitude	Longitude
. Land l		cultural Field			Bare Soil / Co	orn	None				0 - 3
	(e.g.,	, woodland, agric	cultural field, vacant lo	t, etc.)	Vegetation		Surface	Stones (e.g.,	cobbles, stor	nes, boulders, etc.) Slope (%)
Descri	ption of Loca	ation:	Lot 1								<u> </u>
. Soil Pa	arent Materia	al:						- ···		(OLL OLL BO EO :	TO BU :)
					Landforr				Landscape	(SU, SH, BS, FS,	IS, Plain)
. Distan	ces from:	Oper	n Water Body <u>></u>	<u>100</u> feet		Drainage	e Way _	feet		Wetland	ds <u>>100</u> feet
من المالية	hla N Aa4awiala		Property Line 7			inking Wate				Othe	
. Unsulta	die Materiais	Present:	Yes ⊠ No I	ryes: _	Disturbed Soll/Fi	III Materiai	□ v	Veathered/Fra	actured Ro	ck 🗌 Bedroo	K
. Groun	dwater Obse	erved: X Yes	s □ No		lf	f yes:	_ Depth to \	Weeping in Ho	le <u>9</u>	<mark>0"</mark> Depth Standin	u Water in Hole
											,
					So	il Log					,
Donth (in)	Soil Horizon	Soil Texture	Soil Matrix: Color-	F	So Redoximorphic Feat			Fragments / Volume	Soil	Soil	
Depth (in)	Soil Horizon /Layer	Soil Texture (USDA)	Soil Matrix: Color- Moist (Munsell)	F Depth					Soil Structure		Other
Depth (in) 0 - 18				Depth	Redoximorphic Feat	tures	% by	Volume Cobbles &		Soil Consistence	
Depth (in) 0 - 18 18 - 34	/Layer	(USDA)	Moist (Munsell)	Depth C	Color	tures	% by Gravel	Volume Cobbles & Stones	Structure	Soil Consistence (Moist)	
0 - 18	/Layer Ap	(USDA)	Moist (Munsell)	Depth C	Color	tures	% by Gravel	Volume Cobbles & Stones <2	Structure Gran.	Soil Consistence (Moist)	
0 - 18 18 - 34 34 - 42	/Layer Ap Bw	(USDA) SL FSL	Moist (Munsell) 10YR 3/2 10YR 5/6	Depth C C C C C C C C C	Color Cnc: Opl: Cnc: Cnc: Cnc: Cnc: Cnc: Cnc:	tures	% by Gravel <2 <2	Cobbles & Stones <2 <2	Gran. Ma.	Soil Consistence (Moist) Fr.	
0 - 18 18 - 34	/Layer Ap Bw C1	SL FSL SL	Moist (Munsell) 10YR 3/2 10YR 5/6 10YR 6/2	Depth C C C C C C C C C	Color	tures	% by Gravel <2 <2 <2 <2	Cobbles & Stones <2 <2 <2 <2	Gran. Ma. S.G.	Soil Consistence (Moist) Fr. Fr. Loose	

Additional Notes:

BOE @ 102"; No Refusal

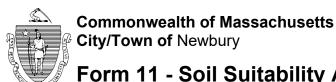


D. Determination of High Groundwater Elevation

1.	Method Used (Choose one): Depth to soil redoximorphic features		Obs. Hole # <u>TP-1N</u> <u>36</u> inches	Obs. <u>36</u> ind	Hole # <u>TP-2N</u> ches			
	☐ Depth to observed standing water in observed	ation hole	inches		_ inches			
	Depth to adjusted seasonal high groundwate (USGS methodology)	er (S _h)	inches		inches			
	Index Well Number	Reading Date						
	$S_h = S_c - [S_r x (OW_c - OW_{max})/OW_r]$							
	Obs. Hole/Well# Sc	S _r	OW _c	OW _{max}	OW _r	S _h		
Ε.	Depth of Pervious Material							
1.	Depth of Naturally Occurring Pervious Material							
	a. Does at least four feet of naturally occurring	pervious material exis	st in all areas observed	I throughout the	area proposed for t	he soil absorpti	on system?	
	⊠ Yes □ No			-		·	-	
	b. If yes, at what depth was it observed (exclude	O, A, and E Horizons)?	Upper boundary	: 28 inches	Lower bour	ndary:	92 inches	
	c. If no, at what depth was impervious material	observed?	Upper boundary		Lower bour	ndary:	попсэ	

inches

inches



Dpl: Cnc :

Dpl:
Cnc:
Dpl:
Cnc:
Dpl:

	, i Oiiii	11 - 301	Juitabilit	y – 3	Sessifient	101 011-	Oile C	Jewage	Pish	USai	
C. On-	Site Revi	ew (minim	um of two hole	es requ	ired at every p	roposed p	rimary a	and reserv	e dispo	sal area)	
Deep	Observation	n Hole Numb	er: TP-3N	11/8/2	22						
•			Hole #	Date	T	ime	W	/eather		Latitude	Longitude
1. Land	Use Agricu	ltural Field			Bare Soil / Corn		None				0 - 3
	(e.g., wo	oodland, agriculti	ural field, vacant lot, e	etc.)	Vegetation		Surfac	e Stones (e.g.,	cobbles, sto	nes, boulders, e	tc.) Slope (%)
Description	n of Location	i: <u>Lo</u>	t 1								<u> </u>
0-110		.1.									
2. Soli P	arent Materia	ai:			Landfor	m		Position on I	andscape (SU, SH, BS, FS,	TS Plain)
D:-4	-	0	- \A/-4 Dl	400 4			- \\/				•
3. Distar	nces from:	Oper	n Water Body <u>></u>	>100 fee	t	Drainag	e vvay _	feet		vvetiar	nds <u>>100</u> feet
			Property Line <u>6</u>	SO feet	Dr	rinking Wate	er Well >	100 feet		Oth	er feet
		•	roporty Emio	<u> </u>	δ.	mining wate	51 VVOII <u>-</u>	100		Our	OI 100t
4. Unsu	itable Materi	als Present:	☐ Yes ☐ No	If Yes:	☐ Disturbed Soil	I/Fill Material		Weathered/	Fractured I	Rock 🗌 Be	drock
5. Grour	ndwater Obse	erved: 🛛 Yes	s □ No		If yes: _	Depth	to Weeping	in Hole	<u>88"</u>	Depth to Standi	ng Water in Hole
					So	il Log					
Depth (in)	Soil Horizon	Soil Texture	Soil Matrix: Color-		Redoximorphic Feat	ures		Fragments Volume	Soil	Soil Consistence	Other
20pt ()	/Layer	(USDA	Moist (Munsell)	Depth	Color	Percent	Gravel	Cobbles & Stones	Structure	(Moist)	Guio.
0 - 12	Λn	SL	10YR 3/2		Cnc:		-2	-2	Cron	Fr.	
0 - 12	Ар	SL	10113/2		Dpl:		<2	<2	Gran.	FI.	
12 - 36	D.u.	FSL	10VD 5/6		Cnc:		-0	<2	Mo	Fr.	
12 - 30	Bw	FSL	10YR 5/6		Dpl:		<2	^2	Ma.	ГІ.	
36 - 104	C1	C. Sand	10YR 6/3	36"+/-	Cnc:		<2	<2	S.G.	Loopo	
30 - IU4	ı ()	ı C. Sand	101780/3	30 +/-			<u> </u>	· </td <td>S.G.</td> <td>Loose</td> <td></td>	S.G.	Loose	

<2

<2

Ма.

Additional Notes:

BOE & 110"; No Refusal

C2

FSL

10YR 5/6

104 - 110

Fr.

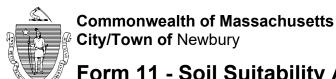


Commonwealth of Massachusetts City/Town of Newbury

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

Deep (Observation	n Hole Numb	er: <u>TP-4N</u>	11/8/2	22						
_			Hole #	Date	_	Time		/eather		Latitude	Longitude
Land (icultural Field			Bare Soil /	Corn	None				0 - 3
	(e.g.	, woodland, agric	cultural field, vacant lo	ot, etc.)	Vegetation		Surface	e Stones (e.g.,	cobbles, sto	nes, boulders, etc.	Slope (%)
Descri	ption of Loca	ation:	Lot 1								
Soil Da	arent Materia	d.									
3011 F	areni ivialena	ai. 			Landf	orm		Position on	Landscape	(SU, SH, BS, FS,	TS, Plain)
Distan	ces from:	Oper	n Water Body <u>></u>	·100 feet			e Wav	feet		•	ds >100 feet
2.010		0 p 5.		<u></u>							<u> </u>
		I	Property Line 7	8 feet	[Drinking Wate	r Well <u>></u>	100 feet		Othe	r feet
Linguital	ala Matariala	Drocent:	Yes ⊠ No I	f Voc.	☐ Diaturbad Call	/Fill Motorial		No otherod/C=	actured Da	ماد 🗆 ۵ماست	le.
Unsultai	Die Materials	Fresent. \square	res 🖂 No I	i Yes: [Disturbed Soli	riii Materiai	⊔ v	veatnered/Fra	actured Ro	ck Bearod	К
Ground	dwater Ohee	arvad· M Vas	. 🗆 No			If vac	Donth to	Mooning in Ho	0	6" Donth Standing	Water in Hele
Groun	dwater Obse	erved: X Yes	s 🗌 No			If yes:	_ Depth to	Weeping in Ho	le <u>9</u>	<mark>6"</mark> Depth Standing	g Water in Hole
Groun	dwater Obse	erved: X Yes	s □ No			If yes: Soil Log			e <u>9</u>	6" Depth Standing	g Water in Hole
						Soil Log	Coarse	Fragments		Soil	
	Soil Horizon /Layer	Soil Texture	Soil Matrix: Color-Moist (Munsell)		Redoximorphic Fe	Soil Log	Coarse % by	Fragments y Volume Cobbles &	Soil	Soil Consistence	y Water in Hole Other
	Soil Horizon	Soil Texture	Soil Matrix: Color-	Depth	Redoximorphic Fe	Soil Log	Coarse	Fragments y Volume	Soil	Soil	
Depth (in)	Soil Horizon	Soil Texture	Soil Matrix: Color-	Depth	Redoximorphic Fe Color Cnc:	Soil Log	Coarse % by	Fragments y Volume Cobbles &	Soil	Soil Consistence	
Depth (in) 0 - 15	Soil Horizon /Layer Ap	Soil Texture (USDA)	Soil Matrix: Color- Moist (Munsell)	Depth	Redoximorphic Fe Color Cnc: Dpl:	Soil Log	Coarse % by Gravel	Fragments y Volume Cobbles & Stones	Soil Structure Gran.	Soil Consistence (Moist)	
Depth (in)	Soil Horizon /Layer	Soil Texture (USDA)	Soil Matrix: Color- Moist (Munsell)	Depth	Redoximorphic Fe Color Cnc:	Soil Log	Coarse % by Gravel	Fragments y Volume Cobbles & Stones	Soil Structure	Soil Consistence (Moist)	
0 - 15 15 - 34	Soil Horizon /Layer Ap Bw	Soil Texture (USDA) SL FSL	Soil Matrix: Color- Moist (Munsell) 10YR 3/2 10YR 5/6	Depth	Redoximorphic Fe Color Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc:	Soil Log	Coarse % by Gravel <2 <2	Fragments y Volume Cobbles & Stones <2 <2	Soil Structure Gran. Ma.	Soil Consistence (Moist) Fr.	
Depth (in) 0 - 15	Soil Horizon /Layer Ap	Soil Texture (USDA)	Soil Matrix: Color- Moist (Munsell)	Depth	Redoximorphic Fe Color Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl:	Soil Log	Coarse % by Gravel	Fragments y Volume Cobbles & Stones	Soil Structure Gran.	Soil Consistence (Moist)	
0 - 15 15 - 34	Soil Horizon /Layer Ap Bw C1	Soil Texture (USDA) SL FSL	Soil Matrix: Color- Moist (Munsell) 10YR 3/2 10YR 5/6	Depth	Redoximorphic Fe Color Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc:	Soil Log	Coarse % by Gravel <2 <2	Fragments y Volume Cobbles & Stones <2 <2	Soil Structure Gran. Ma.	Soil Consistence (Moist) Fr.	
0 - 15 15 - 34 34 - 104	Soil Horizon /Layer Ap Bw C1	Soil Texture (USDA) SL FSL C. Sand	Soil Matrix: Color-Moist (Munsell) 10YR 3/2 10YR 5/6 10YR 6/3	Depth	Redoximorphic Fe Color Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Dpl: Dpl:	Soil Log	Coarse % by Gravel <2 <2 <2 <2	Fragments y Volume Cobbles & Stones <2 <2 <2 <2 <2	Soil Structure Gran. Ma. S.G.	Soil Consistence (Moist) Fr. Fr. Loose	
0 - 15 15 - 34 34 - 104	Soil Horizon /Layer Ap Bw C1	Soil Texture (USDA) SL FSL C. Sand	Soil Matrix: Color-Moist (Munsell) 10YR 3/2 10YR 5/6 10YR 6/3	Depth	Redoximorphic Fe Color Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc:	Soil Log	Coarse % by Gravel <2 <2 <2	Fragments y Volume Cobbles & Stones <2 <2 <2	Soil Structure Gran. Ma. S.G.	Soil Consistence (Moist) Fr. Fr. Loose	
0 - 15 15 - 34 34 - 104	Soil Horizon /Layer Ap Bw C1	Soil Texture (USDA) SL FSL C. Sand	Soil Matrix: Color-Moist (Munsell) 10YR 3/2 10YR 5/6 10YR 6/3	Depth 36"+/-	Redoximorphic Fe Color Cnc: Dpl: Cnc:	Soil Log	Coarse % by Gravel <2 <2 <2 <2	Fragments y Volume Cobbles & Stones <2 <2 <2 <2 <2	Soil Structure Gran. Ma. S.G.	Soil Consistence (Moist) Fr. Fr. Loose	

BOE @ 114"; No Refusal

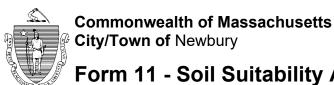


D. Determination of High Groundwater Elevation

1.	Method Used (Choose one): ☑ Depth to soil redoximorphic features		Obs. Hole # <u>TP-3N</u> <u>36</u> inches	Obs. <u>36</u> ind	Hole # <u>TP-4N</u> ches		
	☐ Depth to observed standing water in observa	ation hole	inches		_ inches		
	Depth to adjusted seasonal high groundwate (USGS methodology)	er (S _h)	inches		inches		
	Index Well Number	Reading Date					
	$S_h = S_c - [S_r x (OW_c - OW_{max})/OW_r]$						
	Obs. Hole/Well# Sc	S _r	OW _c	OW _{max}	OW _r	S _h	_
<u> </u>	Depth of Pervious Material						
1.	Depth of Naturally Occurring Pervious Material						
	a. Does at least four feet of naturally occurring	pervious material exis	st in all areas observed	throughout the	area proposed for th	ne soil absorptid	on system?
	⊠ Yes □ No						
	b. If yes, at what depth was it observed (exclude	O, A, and E Horizons)?	Upper boundary:	: 34 inches	Lower boun	-	104
	c. If no, at what depth was impervious material	observed?	Upper boundary:		Lower boun		inches

inches

inches



Cnc:
Dpl:
Cnc:
Dpl:

				.,							
C. On-	Site Revi	ew (minim	num of two hole	es requ	ired at every pi	roposed p	orimary a	and reserv	e dispo	sal area)	
Deep	Observation	n Hole Numb	er: TP-5N Hole #	11/8/2 Date		ime		/eather		Latitude	 Longitude
1 Land	Use Agricu	ltural Field			Bare Soil / Corn		None				0 - 3
i. Lailu	(e.g., wo	oodland, agricult	ural field, vacant lot, e	etc.)	Vegetation		Surface	e Stones (e.g.,	cobbles, sto	nes, boulders, e	Slope (%)
Descriptio	n of Location	: <u>Lo</u>	t 2								
2. Soil P	arent Materia	al:									
					Landforr	n		Position on I	_andscape (SU, SH, BS, FS,	TS, Plain)
Distar	ices from:	Oper	n Water Body 👱	>100 feet	t	Drainag	e Way _	feet		Wetlan	ids <u>>100</u> feet
		1	Property Line 6	68 feet	Dr	inking Wate	er Well <u>></u>	100 feet		Oth	er feet
4. Unsui	table Materia	als Present:	☐ Yes ⊠ No	If Yes:	☐ Disturbed Soil	/Fill Material		Weathered/	Fractured l	Rock 🗌 Be	drock
5. Groun	ıdwater Obse	erved: Yes	s 🛛 No		If yes:	Depth	to Weeping	in Hole		Depth to Sta	anding Water in Hole
		_	_			il Log					· ·
Depth (in)	Soil Horizon	Soil Texture	Soil Matrix: Color-	I	Redoximorphic Featu	ıres		Fragments Volume	Soil	Soil Consistence	Other
20pt ()	/Layer	(USDA	Moist (Munsell)	Depth	Color	Percent	Gravel	Cobbles & Stones	Structure	(Moist)	C.i.io.
0 - 16	Ap	SL	10YR 3/2		Cnc:		<2	<2	Gran.	Fr.	
	•				Dpl:						
16 - 36	Bw	SL	10YR 5/6	24"+/-	Cnc : Dpl:	-	<2	<2	Ma.	Firm	Mottles throughout
36 - 104	C1	C. Sand	10YR 6/3		Cnc :	_	<2	<2	S.G.	Loose	
					Dpl:						
104 - 110	C2	FLS	10YR 5/6		Cnc: Dpl:	-	<2	<2	MA	Fr.	Heavily Mottled

Additional Notes:

BOE @ 110; No Refusal; No Water



Commonwealth of Massachusetts City/Town of Newbury

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-	Site Rev	iew (minim	um of two hol	es requ	ired at every p	roposed p	rimary a	and reserv	e dispo	sal area)	
Deep	Observatio	n Hole Numb	er: <u>TP-6N</u> Hole #	11/8/2 Date		ïme	<u>w</u>	Veather		Latitude	 Longitude
1. Land		ricultural Field			Bare Soil / Co		None				0 - 3
Desc	e.g ription of Loc		cultural field, vacant l Lot 2	ot, etc.)	Vegetation		Surface	e Stones (e.g.,	cobbles, sto	nes, boulders, etc.)	Slope (%)
	Parent Materi		-								_
2. SUII I	areni Malen	aı. 			Landfor	m		Position on	Landscape	(SU, SH, BS, FS, T	S, Plain)
3. Dista	nces from:	Орег	n Water Body	>100 feet		Drainage	e Way _	feet		Wetland	s <u>>100</u> feet
		1	Property Line 7	7 <u>4</u> feet	Dr	inking Wate	r Well <u>></u>	·100 feet		Othe	feet
4. Unsuit	able Material	s Present: 🗌	Yes ⊠ No	If Yes: [Disturbed Soil/F	ill Material	□ V	Weathered/Fra	actured Ro	ck 🗌 Bedrocl	(
5. Grou	ndwater Obs	erved: X Yes	s □ No		li	f yes:	_ Depth to	Weeping in Ho	le <u>1</u>	08" Depth Standir	g Water in Hole
					So	il Log					
Depth (in	Soil Horizon	Soil Texture	Soil Matrix: Color	-	Redoximorphic Feat	tures		Fragments y Volume	Soil	Soil Consistence	Other
Deptii (iii	/ /Layer	(USDA)	Moist (Munsell)	Depth	Color	Percent	Gravel	Cobbles & Stones	Structure	(Moist)	Other
0 - 15	Ар	SL	10YR 3/2		Cnc : Dpl:	_	<2	<2	Gran.	Fr.	
15 - 48	Bw	SL	10YR 5/6		Cnc : Dpl:		<2	<2	Ma.	Firm	
48 - 102	2 C1	C. Sand	10YR 6/3	48"+/-	Cnc : Dpl:		<2	<2	S.G.	Loose	
102 - 10	8 C2	FSL	10YR 5/6		Cnc:		<2	<2	Ma.	Fr.	
					Cnc :						
					Dpl: Cnc :						
Addit	ional Notes:				Dpl:						

BOE @ 108; No Refusal

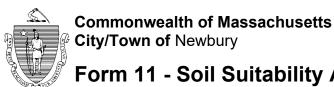


D. Determination of High Groundwater Elevation

1.	Method Used (Choose one): ☑ Depth to soil redoximorphic features		Obs. Hole # <u>TP-5N</u> <u>24</u> inches	Obs. <u>48</u> ind	Hole # <u>TP-6N</u> ches		
	☐ Depth to observed standing water in observed	ation hole	inches		inches		
	Depth to adjusted seasonal high groundwate (USGS methodology)	inches		_ inches			
	Index Well Number	Reading Date					
	$S_h = S_c - [S_r x (OW_c - OW_{max})/OW_r]$						
	Obs. Hole/Well# Sc	S _r	OW _c	OW _{max}	OW _r	S _h	_
Ε.	Depth of Pervious Material						
1.	Depth of Naturally Occurring Pervious Material						
	a. Does at least four feet of naturally occurring	pervious material exis	st in all areas observed	throughout the	area proposed for the	he soil absorption	on system?
	⊠ Yes □ No						
	b. If yes, at what depth was it observed (exclude	O, A, and E Horizons)?	Upper boundary	: 36 inches	_ Lower bour	-	104 inches
	c. If no, at what depth was impervious material	observed?	Upper boundary		Lower bour		11101103

inches

inches



Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

Cnc:

Dpl:
Cnc:
Dpl:
Cnc:
Dpl:
Dpl:

C. On	-Site Rev	iew (minim	num of two hol	es requ	ired at every p	roposed p	rimary a	and reserv	e dispo	sal area)	
Dee	p Observatio	n Hole Numb		11/8/2							
			Hole #	Date	-	ime		/eather		Latitude	Longitude
1. Lan	d Use Agricu	iltural Field	ural field, vacant lot, e	oto \	Bare Soil / Corn Vegetation		None		aabblaa ata	ones, boulders, e	0 - 3 tc.) Slope (%)
Descrip	ion of Location	•	ot 2	sic.)	vegetation		Suriaci	e Stories (e.g.,	copples, sic	ories, boulders, e	Slope (%)
2. Soil	Parent Materia	al:			Landforr	n		Position on I	_andscape (SU, SH, BS, FS,	TS, Plain)
3. Dist	ances from:	Ope	n Water Body	>100 fee	t	Drainag	e Way _	feet			ids <u>>100</u> feet
			Property Line	<u>31</u> feet	Dr	inking Wate	er Well <u>></u>	100 feet		Oth	er feet
4. Uns	uitable Mater	ials Present:	☐ Yes ⊠ No	If Yes:	☐ Disturbed Soil	/Fill Material		Weathered/	Fractured l	Rock 🗌 Be	drock
5. Gro	undwater Obse	erved: 🛛 Yes	s 🗌 No		If yes: 9	0" Depth to V	Veeping in H	Hole		Depth to Sta	anding Water in Hole
					Soi	l Log					
Depth (ir	Soil Horizon	Soil Texture	Soil Matrix: Color-	I	Redoximorphic Featu	ires		Fragments Volume	Soil	Soil Consistence	Other
	'/ /Layer	(USDA	Moist (Munsell)	Depth	Color	Percent	Gravel	Cobbles & Stones	Structure	(Moist)	
	Ap	SL	10YR 3/2		Cnc: Dpl:	-	<2	<2	Gran.	Fr.	
0 - 14	ΛÞ				· ·						
0 - 14 14 - 42	<u>'</u>	SL	10YR 5/6		Cnc : Dpl:		<2	<2	Ma.	Firm	

<2

<2

Ма.

Additional Notes:

BOE @ 106"; No Refusal

C2

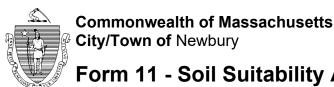
FSL

10YR 5/6

100 - 106

Fr.

Mottled



Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (minimum of two holes required at every proposed primary and reserve disposal area) **Deep Observation Hole Number: TP-8N** 11/8/22 Date Time Weather Latitude Longitude Bare Soil / Corn 0 - 3 1. Land Use: Agricultural Field None (e.g., woodland, agricultural field, vacant lot, etc.) Vegetation Surface Stones (e.g., cobbles, stones, boulders, etc.) Slope (%) Lot 2 Description of Location: Soil Parent Material: Landform Position on Landscape (SU, SH, BS, FS, TS, Plain) Distances from: Open Water Body >100 feet Drainage Way feet Wetlands >100 feet Property Line 75 feet Drinking Water Well >100 feet Other 4. Unsuitable Materials Present:

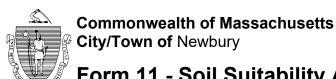
Yes

No If Yes:

Disturbed Soil/Fill Material ☐ Weathered/Fractured Rock ☐ Bedrock Groundwater Observed:

☐ Yes If yes: 104" Depth to Weeping in Hole \square No Depth Standing Water in Hole Soil Log **Coarse Fragments Redoximorphic Features** Soil % by Volume Soil Horizon Soil Texture Soil Matrix: Color-Soil Consistence Depth (in) Other (USDA) Moist (Munsell) Structure /Layer Cobbles & Depth (Moist) Color Percent Gravel **Stones** Cnc: 0 - 14 Aр SL 10YR 3/2 <2 <2 Gran. Fr. Dpl: Cnc: 14 - 36 SL 10YR 5/6 <2 <2 Bw Ma. Firm Dpl: Cnc: 10YR 6/3 36"+/-S.G. 36 - 92 C1 C. Sand <2 <2 Loose Dpl: Cnc: C2 **FSL** 10YR 5/6 92 - 112 <2 <2 Ma. Fr. Heavily Mottled; Damp Dpl: Cnc: Dpl: Cnc: Dpl: Additional Notes:

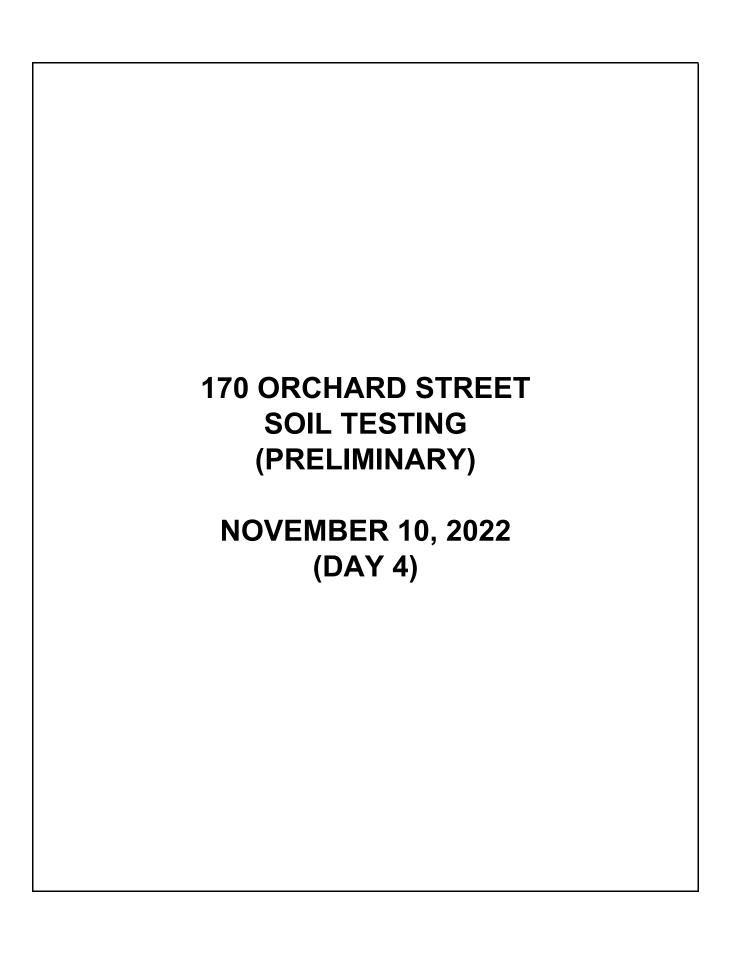
BOE @ 112; No Refusal



Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

D. Determination of High Groundwater Elevation

1.	Method Used (Choose one): ☑ Depth to soil redoximorphic features		Obs. Hole # <u>TP-7N</u> <u>42</u> inches		Hole # <u>TP-8N</u> ches			
	☐ Depth to observed standing water in observa	tion hole	inches		inches			
	☐ Depth to adjusted seasonal high groundwater (USGS methodology)	- (S _h)	inches		_ inches			
	Index Well Number	Reading Date						
	$S_h = S_c - [S_r x (OW_c - OW_{max})/OW_r]$							
	Obs. Hole/Well# S _c	S _r	OW _c	OW _{max}	OW _r	S _h		
Ē.	. Depth of Pervious Material							_
1.	Depth of Naturally Occurring Pervious Material							
	a. Does at least four feet of naturally occurring p	pervious material exis	st in all areas observed	I throughout the	e area proposed for th	ne soil absorp	otion system?	
	∑ Yes							
	b. If yes, at what depth was it observed (exclude	D, A, and E Horizons)?	Upper boundary		Lower bour	ıdary:	100	_
	c. If no, at what depth was impervious material	observed?	Upper boundary		Lower bour	ıdary:	inches	
				inches			inches	



Location Add	dress	170 Orcha	rd Stree	et, Newbury					
				On-site Ro	<u>eview</u>				
Deep Hole N	umber:	TP-9N	Date:	11/10/2022	Time:		Weather:	65°, Sunny	
Location:	(see site pla	n)		Ground	Elevatio	n at Surf	face of Hole:		
Land Use:	Agricultrual I	Field		Surface	Stones:	None			
Vegetation:	Corn			Landform:					
Slope(%): Distance from									
Open Wa	ter Body	>100 f	eet	Drainage Way >100 feet					
Possible \	Net Area	>100 f	eet	Property Line feet					
Drinkina V	Vater Well	>100 f		Other					
ŭ				BSERVATI	ON HOI	_E LOG			
Don'th from	Cail							ther	
Depth from Surface	Soil Horizon/	Soil Tex	kture	Soil Color	Redoxir	norphic	,	re, Kind & Grade,	
(inches)	Layer	(USD	A)	(Munsell)	Feat	ures		% Gravel, Stones, lers)	
0 - 10	Ар	SL			_	_		•	
10 - 22	Bw	SL			-	_			
22 - 50	C1	C. Sa			-	-			
50 +	C2	SiL			-	-			
Pare	nt Material (g	jeologic):				Depth of	Bedrock: No	o Refusal	
C.	oundwatar O	boomrodi		lf ∨	oo: Dont	h of Moor	oing from Dit		
Gi	oundwater O Depth Stand	_	n Hole:		inches	ii oi vveel	ping from Pit:		
Estimated Se	•	-			feet				
	3	_	•						
				rvious mater			N/A		
Upper Bound	ary (inches) :	N/A	١	Lower E	Boundary	(inches):	N/A		
	Protection and						ved by the Departo t with the required	ment of training, expertise,	
•	Signature Date								

Location Address		170 Orchard Stre	et, Newbury					
			On-site R	<u>eview</u>				
Deep Hole N	umber:	TP-10N Date:	11/10/2022	Time:		Weather: _	65°, Sunny	
Location:	(see site pla	n)	Ground	d Elevation	n at Surf	ace of Hole: _		
Land Use:	Agricultrual I	Field	Surface	Stones:	None			
Vegetation:	Corn		_ Landform:					
Slope(%): Distance from			_					
Open Wat	ter Body	>100 feet	Drainage	Way	>100	feet		
•	Net Area	>100 feet	Property Line feet					
						loct		
Drinking v	Vater Well	<u>>100</u> feet	Other					
		DEEP C	BSERVATI	ON HOL	E LOG			
Depth from	Soil						Other	
Surface	Horizon/	Soil Texture	Soil Color	Redoxim		`	ture, Kind & Grade,	
(inches)	Layer	(USDA)	(Munsell)	Featu	ıres		, % Gravel, Stones,	
(inches)	Layer					Bou	ılders)	
0 - 15	Ар	SL						
15 - 27	Bw	SL						
27 - 50	C1	C. Sand			ı			
50+	C2	SiL						
Pare	nt Material (g	geologic):		ı	Depth of	Bedrock: 1	No Refusal	
Gre	oundwater C				of Weep	oing from Pit: _		
		ling Water in Hole:		inches				
Estimated Se	asonal High (Groundwater:		feet				
5 41						N 1/A		
		rally occurring pe			(!	N/A		
Upper Bound	ary (inches) :	N/A	_ Lower I	Boundary ((inches):	N/A		
O-4:6- (:								
Certification	not on NI/A	Lhove peeced	the soil eveluets	or overning!	ion onne-	and by the Done	rtmont of	
		I have passed					rtment of ed training, expertise,	
and experience		i iiiai iiie above allal	yoio was periori	med by me	COHSISTELL	t with the require	eu iraiiiiig, experiise,	
and expendition	, 403							
		Signature					Date	

Location Add	dress	170 Orchard	Street, Newbury			
			On-site Ro	<u>eview</u>		
Deep Hole No	umber:	TP-11N C	Date: 11/10/2022	Time:	_ Weather: _	65°, Sunny
Location:	(see site plai	n)	Ground	Elevation at Sur	face of Hole: _	
Land Use:	Agricultrual F	ield	Surface	Stones: None		
Vegetation:	Corn		Landform:			
Slope(%): Distance from						
Open Wat	er Body	>100 fee	et Drainage	Way >100	feet	
Possible V	•	>100 fee	•		feet	
		>100 fee	• •		_1001	
Drinking v	Vater Well	<u>>100</u> lee	et Other			
		DEE	P OBSERVATI	ON HOLE LOG		0.0
Depth from	Soil			5		Other
Surface	Horizon/	Soil Textu		Redoximorphic	,	ture, Kind & Grade,
(inches)	Layer	(USDA)) (Munsell)	Features		% Gravel, Stones,
,	_					lders)
0 - 10	Ap	SL				
10 - 24	Bw	SL				
24 - 50	C1	C. Sand				
50+	C2	SiL				
Parer	nt Material (g	jeologic):		Depth of	f Bedrock:	No Refusal
0			IE V	D		
Gro	oundwater O			es: Depth of Wee inches	ping from Pit: _	
Estimated Sea		ing Water in I		feet		
LStilliated Sec	asonai riigir C	olouliuwatei.		1661		
Does at least	4-ft of natur	rally occurrin	ng pervious mater	ial exist:	N/A	
Upper Bounda				Boundary (inches):		
Certification			1.0		5	
			ssed the soil evaluato			
and experience		mar me above	e analysis was perforr	ned by me consister	it with the require	eu training, expertise,
and expendence	, 403					
		Signature				Date

Location Add	dress	170 Orcha	ard Stree	et, Newbury				
				On-site Re	<u>eview</u>			
Deep Hole N	umber:	TP-12N	Date:	11/10/2022	Time:	Weather:	65°, Sunny	
Location:	(see site plan	n)		Ground	Elevation at Sur	face of Hole:		
Land Use:	Agricultrual F	Field		Surface	Stones: None			
Vegetation:	Corn			Landform:				
Slope(%): Distance from								
Open Wat	ter Body	>100 1	eet	Drainage	Way >100	feet		
Possible V	=	>100		Property				
	Vater Well	>100		Other		_1001		
Ç		DE	EEP OI	BSERVATI	ON HOLE LOG	<u> </u>		
Danth fram	0-:1						Other	
Depth from Surface	Soil	Soil Tex	kture	Soil Color	Redoximorphic	Other (Structu	ıre, Kind & Grade,	
	Horizon/	(USD	A)	(Munsell)	Features	Consistency, '	% Gravel, Stones,	
(inches)	Layer					Bould	ders)	
0 - 15	Ар	SL						
15 - 36	Bw	SL						
36 - 64	C1	C. Sa						
64 - 70	C2	SL				Thin layer		
70 - 96	C3	C. Sa	nd					
Parer	nt Material (g	geologic):			Depth of	f Bedrock: N	o Refusal	
		· • • •				_		
Gro	oundwater O	bserved: _	Vo	If Y	es: Depth of Wee	ping from Pit:		
	Depth Stand	-	_		inches			
Estimated Sea	asonal High (Groundwate	er: -		feet			
D	4 54 - 5 4	11				N1/A		
Does at least		-				N/A N/A		
Upper Bounda	ary (miches):	IN/P	<u> </u>	Lower	Boundary (inches):	IN/A		
<u>Certification</u>								
	at on N/A	l have r	passed th	ne soil evaluato	r examination appro	ved by the Depart	ment of	
•					ned by me consister	•		
and experience			.,	,	,	,	ο, ι -,	
	Signature Date							
		2.g. ia.ai.						

Location Add	dress	170 Orchar	d Stree	et, Newbury				
				On-site Ro	<u>eview</u>			
Deep Hole N	umber:	TP-13N	Date:	11/10/2022	Time:		Weather: _	65°, Sunny
Location:	(see site plai	า)		Ground	Elevatio	n at Surf	ace of Hole: _	
Land Use:	Agricultrual F	ield		Surface	Stones:	None		
Vegetation:	Corn			Landform:				
Slope(%): Distance from								
Open Wat	er Body	>100 fe	eet	Drainage	Wav	>100	feet	
Possible V	•	>100 fe		Property	_		feet	
	Vater Well	>100 fe		Other	LIIIC -		icci	
Drinking v	vater vven	<u> </u>	eet	Other				
		DE	EP OI	BSERVATI	ON HOL	E LOG		011
Depth from	Soil							Other
Surface	Horizon/	Soil Text		Soil Color	Redoxin		,	ure, Kind & Grade,
(inches)	Layer	(USDA	4)	(Munsell)	Feat	ures		% Gravel, Stones,
,								lders)
0 - 10	Ap	SL						
10 - 33	Bw	SL						
33 - 40	C1	SL	. al		36			
40 - 50	C2	C. San	ıa			-		
		 						
Parer	nt Material (g	eologic):				Depth of	Bedrock: N	lo Refusal
C.	oundurates O	boomiedi		If V	aai Danti	o of Moon	oing from Dit	
Gro	oundwater O Depth Stand		Holo:		es: Depti inches	1 or weep	oing from Pit: _	
Estimated Sea		_	_		feet			
Latimated Oct	asonai riigir c	Jiodilawatei	-		icci			
Does at least	4-ft of natur	ally occurri	ina nei	vious materi	ial exist·		N/A	
Upper Bounda					Boundary	(inches):	N/A	
71 = 2	, ()·					,/-		
Certification								
	at onN/A_	I have pa	assed th	ne soil evaluato	r examinat	ion approv	ved by the Depa	rtment of
		that the abov	∕e analy	sis was perforr	ned by me	consisten	t with the require	ed training, expertise,
and experience	des							
		Signature						Date

Location Add	dress	170 Orchard	d Stree	t, Newbury				
				On-site Re	<u>eview</u>			
Deep Hole N	umber:	TP-14N	Date: _	11/10/2022	Time:		Weather: _	65°, Sunny
Location:	(see site plai	n)		Ground	Elevation	on at Surf	ace of Hole: _	
Land Use:	Agricultrual F	ield		Surface	Stones:	None		
Vegetation:	Corn			Landform:				
Slope(%): Distance from								
	er Body	>100 fe	et	Drainage	Wav	>100	feet	
Possible V	-	>100 fe		Property			feet	
	Vater Well	>100 fe		Other	Liilo			
Drinking v	vator vvon	<u> </u>	O.	Outlot _				
		DE	EP O	BSERVATION	он ис	LE LOG		
Depth from	Soil							Other
Surface	Horizon/	Soil Text	ure	Soil Color		morphic	,	ture, Kind & Grade,
(inches)	Layer	(USDA	7)	(Munsell)	Feat	tures		% Gravel, Stones,
,								lders)
0 - 15	Ap	SL						
15 - 33	Bw C1	SL SL/C. Sa	un al			 6"	Alt lavers of C	I O C Cand
33 - 60	CI	SL/C. Sa	anu			0	Alt layers of S	L & C. Sand
Parer	nt Material (g	eologic):				Depth of	Bedrock: <u>1</u>	No Refusal
Gro	oundwater O	bserved:		If Y	es: Dent	th of Weer	oing from Pit:	
.	Depth Stand		Hole:		inches	0. 1100		
Estimated Sea		-	_		feet			
			_	_				
Does at least							N/A	
Upper Bounda	ary (inches) :	N/A		Lower E	Boundary	(inches):	N/A	
Cortification								
Certification I certify th	at on N/A	I have na	ssed th	e soil evaluato	r examina	ation approv	ved by the Depa	rtment of
								ed training, expertise,
and experience			J	•	-		·	
		Signature						Date

Location Add	dress	170 Orchard S	treet, Newbury			
			On-site Re	<u>eview</u>		
Deep Hole N	umber:	TP-15N Dat	te: 11/10/2022	Time:	Weather: _	65°, Sunny
Location:	(see site plai	n)	Ground	Elevation at Surf	face of Hole: _	
Land Use:	Agricultrual F	Field	Surface	Stones: None		
Vegetation:	Corn		Landform:			
Slope(%): Distance from						
Open Wa Possible \	ter Body	>100 feet >100 feet >100 feet	Drainage Property Other	Way >100 Line	feet feet	
		DEEP	OBSERVATION	ON HOLE LOG		
Depth from Soil Soil Texture (Inches) Layer (USDA)			Redoximorphic Features	Other (Struct Consistency,	Other ure, Kind & Grade, % Gravel, Stones, lders)	
Parei	nt Material (g	geologic):		Depth of	f Bedrock: N	lo Refusal
Gro Estimated Se		ing Water in Ho	le:	es: Depth of Weel inches feet	ping from Pit: _	
		rally occurring N/A	pervious mater Lower E	ial exist: Boundary (inches):	N/A N/A	
	Protection and			r examination appro ned by me consisten		tment of d training, expertise,
		Signature				Date

Location Add	dress	170 Orchard Str	eet, Newbury			
			On-site R	<u>eview</u>		
Deep Hole N	umber:	TP-16N Date	: 11/10/2022	Time:	Weather: _	65°, Sunny
Location:	(see site plan	n)	Ground	l Elevation at Surf	face of Hole: _	
Land Use:	Agricultrual F	Field	Surface	Stones: None		
Vegetation:	Corn		Landform:			
Slope(%): Distance from			_			
Open Wa Possible \	ter Body	>100 feet >100 feet >100 feet	Drainage Property Other	Way >100 Line	feet feet	
		DEEP (OBSERVATI	ON HOLE LOG	i	
Depth from Soil Soil Texture (Inches) Layer (USDA)		Soil Color (Munsell)	Redoximorphic Features	Other (Struct Consistency,	Other ure, Kind & Grade, % Gravel, Stones, lders)	
Parei	nt Material (g	geologic):		Depth of	f Bedrock: <u>N</u>	lo Refusal
Gro Estimated Se		ing Water in Hole		es: Depth of Wee inches feet	ping from Pit: _	
		rally occurring p		rial exist: Boundary (inches):	N/A N/A	
	Protection and			or examination appromed by me consisten		rtment of ed training, expertise,
		Signature				Date

Location Address 170 Orchard Street, Newbury											
				On-site Ro	<u>eview</u>						
Deep Hole No	umber:	TP-17N	Date:	11/10/2022	Time:		Weather: 65°, Sunny				
Location:	(see site plai	n)		Ground	Elevation at S	Surfa	ace of Hole:				
Land Use:	Agricultrual F	Field		Surface	Surface Stones: None						
Vegetation:	Corn			Landform:							
Slope(%): Distance from											
Open Wat Possible V	ter Body	>100 fe >100 fe >100 fe	et	Drainage Property Other	Way >10		feet feet				
		DEI	EP OI	BSERVATI	ON HOLE LO	OG					
Depth from Surface (inches)	Soil Horizon/ Layer Soil Texture (USDA)			Soil Color (Munsell)	,						
0 - 12	Ap					-					
12 - 29	Bw					_					
29 -	C1										
Parer	nt Material (g	jeologic):			Dept	h of	Bedrock: No Refusal				
Gro	oundwater O Depth Stand asonal High 0	ing Water in	_		es: Depth of W inches feet	Veep	ing from Pit:				
Does at least Upper Bounda					i al exist: Boundary (inche	es):_	N/A N/A				
	Protection and						red by the Department of with the required training, expertise,				
		Signature				_	Date				

Location Address 170 Orchard Street, Newbury										
				On-site R	<u>eview</u>					
Deep Hole No	umber:	TP-18N	Date:	11/10/2022	Time:	Weather:	65°, Sunny			
Location:	(see site plai	n)		Ground	Elevation at Su	ırface of Hole: _				
Land Use:	Agricultrual F	ield		Surface	Stones: None					
Vegetation:	Corn			Landform:						
Slope(%): Distance from										
Open Wat Possible V	er Body Vet Area	>100 f	feet	Drainage Way >100 feet Property Line feet Other						
		DE	EEP O	BSERVATI	ON HOLE LO	G				
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Tex (USD	kture	Soil Color (Munsell)	Redoximorphic Features	Features Consistency, % Gravel, S Boulders)				
0 - 13	Ар	SL								
13 - 39	Bw	SL/FS								
39 - 56 56 - 132	C1 C2	C. Sa Loar			44"					
30 - 132	02	Loai	11							
Parer	nt Material (g	jeologic):_			Depth	of Bedrock: N	o Refusal			
Gro	Dundwater O Depth Stand asonal High C	ing Water i	n Hole:		es: Depth of We inches feet	eeping from Pit: _				
Does at least Upper Bounda		-	ring pe		ial exist: Boundary (inches	N/A s): N/A				
Certification I certify that onN/A I have passed the soil evaluator examination approved by the Department of Environmental Protection and that the above analysis was performed by me consistent with the required training, expertise, and experience des										
		Signature	e				Date			

Location Address 170 Orchard Street, Newbury										
				On-site Re	<u>eview</u>					
Deep Hole N	umber:	TP-19N	Date:	11/10/2022	Time:	Weather:	65°, Sunny			
Location:	(see site plai	า)		Ground Elevation at Surface of Hole:						
Land Use:	Agricultrual F	ield		Surface Stones: None						
Vegetation:	Corn	Corn Landform:								
Slope(%): Distance from										
	er Body	>100 fe	et	Drainage	Way >100	feet				
Possible V	•	>100 fe		Property		feet				
Drinking v	Vater Well	<u>>100</u> fe	et	Other						
		DEI	EP O	BSERVATI	ON HOLE LO	<u> </u>	0.11			
Depth from	Soil					(0)	Other			
Surface	Horizon/	Soil Text		Soil Color	Redoximorphic	,	cture, Kind & Grade,			
(inches)	Layer	(USDA	()	(Munsell)	Features		v, % Gravel, Stones,			
							ulders)			
0 - 10	Ap									
10 - 22 22 - 52	Bw C1	C.San	4		36"					
52+	C2	SiL	u			 				
321	02	OIL.	+			<u> </u>				
		 								
			1							
		1								
Parer	nt Material (g	eologic):			Depth	of Bedrock:	No Refusal			
C.	oundurates O	boomrod, N	_	If V	oo. Donth of Wo	oning from Dit				
Gro	oundwater O Depth Stand				es: Depth of We inches	eping from Pit:				
Estimated Sea		-	_		feet					
Latimated Oct	asonai riigir c	Jiodildwater	-		1001					
Does at least	4-ft of natur	ally occurri	na ner	vious materi	ial exist:	N/A				
Upper Bounda		-			Boundary (inches					
	•				-					
<u>Certification</u>										
					r examination appr					
		that the above	e analy	sıs was perforr	ned by me consiste	ent with the requir	red training, expertise,			
and experience	ues									
		Signature					Date			

Location Address 170 Orchard Street, Newbury										
				On-site Re	<u>eview</u>					
Deep Hole N	umber:	TP-20N	Date: _	11/10/2022	Time:		Weather: _	65°, Sunny		
Location:	(see site plai	า)		Ground Elevation at Surface of Hole:						
Land Use:	Agricultrual F	ield		Surface Stones: None						
Vegetation:	Corn									
Slope(%): Distance from										
	er Body	>100 fe	et	Drainage	Way >	100	feet			
Possible V	•	>100 fe		Property			feet			
							ieet			
Drinking v	Vater Well	<u>>100</u> fe	et	Other						
		DEI	EP O	BSERVATI	ON HOLE	LOG		011		
Depth from	Soil				.			Other		
Surface	Horizon/	Soil Text		Soil Color	Redoximor		,	ure, Kind & Grade,		
(inches)	Layer	(USDA	()	(Munsell)	Features	S		% Gravel, Stones,		
,								lders)		
0 - 12	Ap									
12 - 26	Bw C4	 C Com	al		38"					
26 - 50 50+	C1 C2	C. San SiL	a							
30+	02	SIL								
		 								
Parer	nt Material (g	eologic):	•		Dep	pth of	Bedrock: N	lo Refusal		
C=-	data O	haamiadi Ni	_	le V	aa. Danth af	: \^/	sin a franc Dit.			
Gro	oundwater O Depth Stand				es: Depth of inches	vveep	oing from Pit: _			
Estimated Sea		_	_		feet					
Latimated Oct	asonai riigir c	Jiodildwater	-		icci					
Does at least	4-ft of natur	ally occurri	na ner	vious materi	al exist		N/A			
Upper Bounda		-			Boundary (inc	ches):	N/A			
71 = 2	, ()·				, (- /· <u>-</u>				
Certification										
							ed by the Depa			
		that the abov	e analy	sis was perforr	ned by me con	nsistent	t with the require	ed training, expertise,		
and experience	des									
		Signature						Date		

Location Add	dress	170 Orchard Street, Newbury									
				On-site Re	<u>eview</u>						
Deep Hole N	umber:	TP-21N	Date:	11/10/2022	Time:	Weather:	65°, Sunny				
Location:	(see site plan	n)		Ground Elevation at Surface of Hole:							
Land Use:	Agricultrual F	Field Surface Stones: None									
Vegetation:	Corn		Landform:								
Slope(%): Distance from											
Open Wat	ter Body	>100 1	eet	Drainage	Way >100	feet					
Possible V	=	>100		Property							
	Vater Well	>100		Other							
DEEP OBSERVATION HOLE LOG											
Double from	Cail						Other				
Depth from Surface	Soil Horizon/	Soil Tex	kture	Soil Color	Redoximorphic	Other (Structu	re, Kind & Grade,				
(inches)	Layer	(USD	A)	(Munsell)	Features	Consistency, ^o	% Gravel, Stones,				
(IIICHES)	Layei					Bould	ders)				
0 - 18	Ар	SL									
18 - 36	Bw	SL									
36 - 71	C1	C. Sa			49"						
71+	C2	SiL									
Parei	nt Material (g	jeologic):	•				o Refusal				
Gro	oundwater O	_			es: Depth of Wee	ping from Pit:					
	Depth Stand	-	-		inches						
Estimated Sea	asonal High (Groundwate	er:		feet						
	Does at least 4-ft of naturally occurring pervious material exist: Upper Boundary (inches): N/A N/A N/A										
Certification I certify that onN/A I have passed the soil evaluator examination approved by the Department of Environmental Protection and that the above analysis was performed by me consistent with the required training, expertise, and experience des											
5po//o//oc	·										
		Signatur	·				Date				

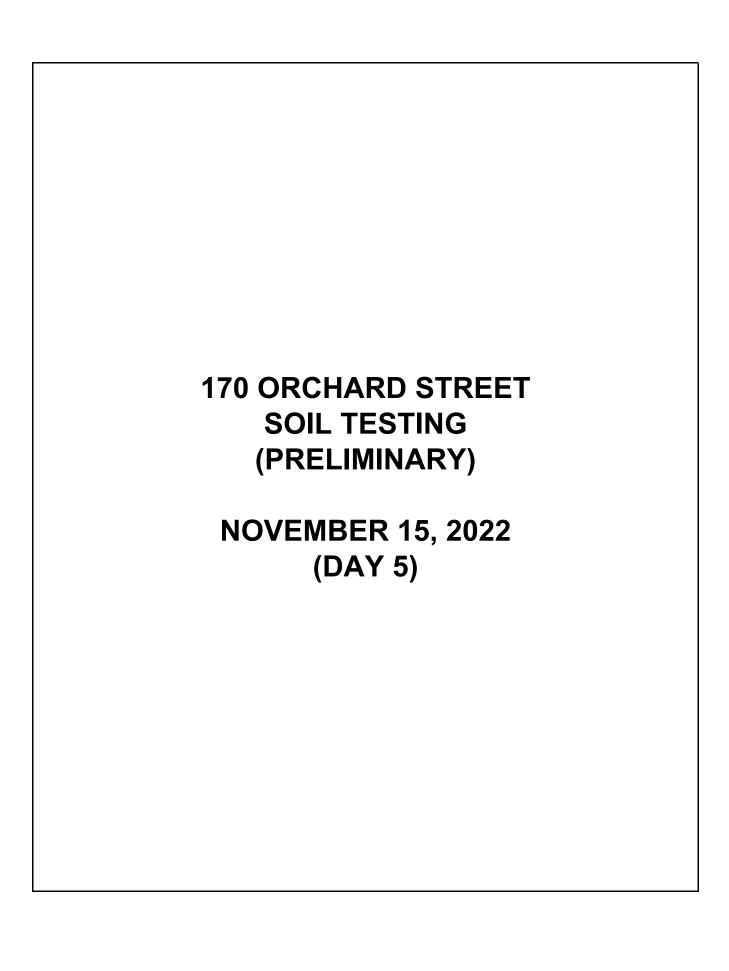
Location Address 170 Orchard Street, Newbury										
				On-site Ro	<u>eview</u>					
Deep Hole N	umber:	TP-22N	Date:	11/10/2022	Time:		Weather: _	65°, Sunny		
Location:	(see site plai	า)		Ground Elevation at Surface of Hole:						
Land Use:	Agricultrual F	eld		Surface Stones: None						
Vegetation:	Corn			Landform:						
Slope(%): Distance from										
	ter Body	>100 fe	eet	Drainage	Wav	>100	feet			
Possible V	•	>100 fe		Property	_		feet			
					LIIIG -		icet			
Drinking v	Vater Well	>100 fe	eet	Other						
		DE	EP O	BSERVATI	ON HOL	E LOG		011		
Depth from	Soil			0 11 0 1				Other		
Surface	Horizon/	Soil Tex		Soil Color	Redoxin		,	ure, Kind & Grade,		
(inches)	Layer	(USD/	A)	(Munsell)	Feat	ures		% Gravel, Stones,		
,	_							lders)		
0 - 14	Ap									
14 - 34	Bw	FSL								
34 - 50	C1	C. Sai	na		42					
50+	C2	SiL				-				
Parer	nt Material (g	eologic):				Depth of	Bedrock: N	No Refusal		
0				16.37	D	610/				
Gro	oundwater O				•	n of vveep	oing from Pit: _			
Estimated So	Depth Stand	-			inches feet					
Estimated Sea	asonai nign C	Journawate	١.		ieet					
Does at least	4-ft of natur	ally occurs	ina na	rvious matori	ial eviet:		N/A			
Upper Bounda		-	• •		Boundary	(inches):	N/A			
Oppor Bourida	y (mones).	111//		LOWEIL	Journal y	(11101103 <i>)</i> .	INIA			
Certification										
	at on N/A	I have p	assed th	ne soil evaluato	r examinat	ion approv	ved by the Depa	rtment of		
								ed training, expertise,		
and experience			,	-	-		·			
		Signature	e					Date		

Location Address 170 Orchard Street, Newbury										
			On-site R	<u>eview</u>						
Deep Hole No	umber:	TP-23N Da	ate: 11/10/2022	Time:	_ Weather: _	65°, Sunny				
Location:	(see site plai	า)	Ground	l Elevation at Sur	face of Hole: _					
Land Use:	Agricultrual F	ield	Surface	Surface Stones: None						
Vegetation:	Corn		Landform:							
Slope(%): Distance from										
Possible V	•	>100 feet >100 feet >100 feet	Property	Way >100 Line	feet feet					
3			•	ON HOLE LOG	•					
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Textur (USDA)		Redoximorphic Features	Other (Struct	Other ure, Kind & Grade, % Gravel, Stones, lders)				
0 - 12	Ар									
12 - 28	Bw	FSL			Pockets of L (r	mottled)				
28 - 58	C1	C. Sand		42"						
58+	C2	SiL								
		-								
Parei	nt Material (g	eologic):		Depth of	f Bedrock:	No Refusal				
Groundwater Observed: No If Yes: Depth of Weeping from Pit: Depth Standing Water in Hole: inches Estimated Seasonal High Groundwater: feet										
Does at least Upper Bounda			g pervious mater Lower E	ial exist: Boundary (inches):	N/A N/A					
•	Protection and			or examination appro med by me consister	•	rtment of ed training, expertise,				
		Signature _				Date				

Location Address 170 Orchard Street, Newbury										
				On-site Re	<u>eview</u>					
Deep Hole No	umber:	TP-24N	Date:	11/10/2022	Time:		Weather:	65°, Sunny		
Location:	(see site plai	n)		Ground	Elevatio	n at Surf	face of Hole:			
Land Use:	Agricultrual F	ield		Surface Stones: None						
Vegetation:	Corn			Landform:						
Slope(%): Distance from										
Open Wat Possible V	ter Body	>100 fe >100 fe >100 fe	et	Drainage Property Other	_		feet feet			
		DFI	FP O	BSERVATIO	ON HOI	FIOG				
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Text (USDA	ure	Soil Color (Munsell)	Redoxin Feat	norphic	Other (Struc Consistency	Other sture, Kind & Grade, y, % Gravel, Stones, ulders)		
0 - 15	Ар					-				
15 - 30	Bw	FSL								
30 - 52 52+	C1 C2	C. San SiL	ıd				w/ SiL striatio	ns		
32+	02	SIL				-				
Parer	nt Material (g	eologic):				Depth of	Bedrock:	No Refusal		
	Groundwater Observed: No									
Does at least Upper Bounda		-	ng pe		i al exist: Boundary	(inches):	N/A N/A			
•	Protection and						ved by the Depa t with the requir	artment of ed training, expertise,		
		Signature						Date		

Location Address 170 Orchard Street, Newbury											
				On-site Ro	<u>eview</u>						
Deep Hole N	umber:	TP-25N	Date:	11/10/2022	Time:	Weather	: 65°, Sunny				
Location:	(see site plar	٦)		Ground	Elevation at S	urface of Hole	:				
Land Use:	Agricultrual F	ield		Surface	Surface Stones: None						
Vegetation:	Corn			Landform:							
Slope(%): Distance from											
Possible V		>100 fo	eet	Drainage Property Other	Way >100)feet feet					
		DE	FP O	BSFRVATI	ON HOLE LO)G					
Depth from Soil Soil Texture (Inches) Layer (USDA)			Soil Color (Munsell)	Redoximorphic Features	c Other (Stru	Other ucture, Kind & Grade, cy, % Gravel, Stones, oulders)					
0 - 15	Ар										
15 - 33	Bw	FSL			33"						
33 - 56	C1	C. Sar	nd								
56+	C2	SiL									
Parer	nt Material (g	eologic):			Depth	of Bedrock:	No Refusal				
Gro	oundwater O Depth Stand asonal High O	ing Water in	Hole:		es: Depth of We inches feet	eeping from Pit	:				
Does at least Upper Bounda		-	ing pe		i al exist: Boundary (inche	N/A s): N/A	_ _				
•	Protection and				r examination app ned by me consist	•	partment of uired training, expertise,				
		Signature	;				Date				

Location Address 170 Orchard Street, Newbury										
			On-site Re	<u>eview</u>						
Deep Hole N	umber:	TP-26N Da	ate: 11/10/2022	Time:	Weather: 65	s°, Sunny				
Location:	(see site plai	n)	Ground	Elevation at Sur	face of Hole:					
Land Use:	Agricultrual F	Field	Surface	Surface Stones: None						
Vegetation:	Corn		Landform:							
Slope(%): Distance from										
Open Wat Possible V	ter Body	>100 feet >100 feet >100 feet	Property	Way >100 Line	feet					
		DEEF	P OBSERVATION	ON HOLE LOG						
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Texture (USDA)		Redoximorphic Features	Other Other (Structure, Ki Consistency, % Gra Boulders .	ind & Grade, avel, Stones,				
0 - 15	Ap									
15 - 36 36 - 74	Bw C1	FSL C. Sand		 40"	 w/ SiL striations (min	uor)				
30 - 74	01	O. Garia		40	W OIL Strictions (IIIII)	01)				
Parei	nt Material (g	geologic):		Depth o	f Bedrock : No Ref	usal				
Gro	Depth Stand	Observed: No ing Water in Ho Groundwater:	ole:	es: Depth of Wee inches feet	ping from Pit:					
		rally occurring N/A	g pervious materi Lower E	i al exist: Boundary (inches):	N/A N/A					
	Protection and				ved by the Department It with the required traini					
		Signature _			Date					



Location Address 170 Orchard Street, Newbury										
				On-site Re	<u>eview</u>					
Deep Hole No	umber:	TP-27N	Date:	11/15/2022	Time:	Weather: _	40°, Cloudy			
Location:	(see site plan	n)		Ground	Elevation at S	urface of Hole: _				
Land Use:	Agricultrual I	ield	Surface Stones: None							
Vegetation:	Corn			Landform:						
Slope(%): Distance from										
Open Wat Possible V	er Body	>100 f	feet	=	Drainage Way >100 feet Property Line feet Other					
		DE	EEP O	BSERVATI	ON HOLE LO)G				
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Te		Soil Color (Munsell)	Redoximorphic Features	ceatures Consistency, % Gravel, Steam Boulders)				
0 - 14	Ар	SL								
14 - 44	Bw	FSL			32"					
44 - 106 106 - 110	C1 C2	C. Sa VFS								
100 - 110	02	V1 3	L							
Parer	nt Material (g	jeologic):_			Depth	of Bedrock: N	lo Refusal			
Gro	Dundwater O Depth Stand asonal High (ing Water i			es: Depth of We inches feet	eeping from Pit: _				
Does at least Upper Bounda			ring pe		ial exist: Boundary (inche	N/A s): N/A				
Certification I certify that onN/A I have passed the soil evaluator examination approved by the Department of Environmental Protection and that the above analysis was performed by me consistent with the required training, expertise, and experience des										
		Signature	e				Date			

Location Address 170 Orchard Street, Newbury											
				On-site R	<u>eview</u>						
Deep Hole No	umber:	TP-28N	Date:	11/15/2022	Time:		Weather:	40°, Cloudy			
Location:	(see site plai	n)		Ground	Elevation	on at Surf	ace of Hole:				
Land Use:	Agricultrual F	Field		Surface	Surface Stones: None						
Vegetation:	Corn			Landform:							
Slope(%): Distance from											
Possible V	er Body Vet Area Vater Well	>100 f >100 f >100 f	eet	Drainage Property Other	-		feet feet				
		DE	EEP O	BSERVATI	ON HOI	LE LOG					
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Tex (USD	kture	Soil Color (Munsell)	Redoxii	morphic tures	Other (Structu Consistency,	Other ure, Kind & Grade, % Gravel, Stones, ders)			
0 - 14	Ар	SL				-					
14 - 43	Bw	FSL			3	6"					
43 - 84	C1	C. Sa			-	· -					
84 - 90	C2	SiL				· -	 NA 441 - I - I - I - I - I - I - I - I - I -				
90 - 104	C3	VFS	L			-	Mottled, damp				
Parer	nt Material (g	jeologic):_				Depth of	Bedrock: N	o Refusal			
Gro	oundwater O Depth Stand	_			es: Dept	h of Weeլ	ping from Pit:				
Estimated Sea	•	-			feet						
Does at least Upper Bounda		-	• •			(inches):	N/A N/A				
	Protection and						ved by the Depart t with the required	tment of d training, expertise,			
		Signatur	e					Date			

Location Add	dress	170 Orchard Street, Newbury							
				On-site Re	<u>eview</u>				
Deep Hole No	umber:	TP-29N	Date:	11/15/2022	Time:	Weather	: 40°, Cloudy		
Location:	(see site plan	า)		Ground	Elevation at Su	urface of Hole	:		
Land Use:	Agricultrual F	ield		Surface	Stones: None)			
Vegetation:	Corn			Landform:					
Slope(%): Distance from									
Possible V		>100 fe >100 fe >100 fe	eet	Drainage Property Other	Way >100 Line	feet feet			
		DF	FP O	BSFRVATIO	ON HOLE LO	G			
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Tex	ture	Soil Color (Munsell)	Redoximorphic Features	Other (Stru	Other ucture, Kind & Grade, cy, % Gravel, Stones, oulders)		
0 - 15	Ар	SL							
15 - 46	Bw	FSL							
46 - 96	C1	C. Sar			54"				
96 - 112	C2	VFSL	-						
Parei	ı nt Material (g	leologic): _			Depth	of Bedrock:	No Refusal		
Gro	oundwater O Depth Stand asonal High O	ing Water in	Hole:		es: Depth of We inches feet	eeping from Pit	:		
Does at least Upper Bounda		-	ing pe		i al exist: Boundary (inches	N/A s): N/A	_ _		
•	Protection and				r examination app ned by me consist	•	partment of uired training, expertise,		
		Signature	·				Date		

Location Add	iress	170 Orcha	ard Stree	et, Newbury				
				On-site Re	<u>eview</u>			
Deep Hole No	umber:	TP-30N	Date:	11/15/2022	Time: _		Weather:	40°, Cloudy
Location:	(see site plai	n)		Ground	Elevation	at Surf	ace of Hole: _	
Land Use:	Agricultrual F	Field		Surface	Stones:	None		
Vegetation:	Corn			Landform:				
Slope(%): Distance from								
Possible V	er Body Vet Area Vater Well	>100 f	eet	Drainage Property Other	Way _ Line _		feet feet	
		DE	EEP O	BSERVATI	ON HOLI	E LOG		
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Tex (USD	kture	Soil Color (Munsell)	Redoxim Featu	orphic	Other (Structu Consistency,	Other ure, Kind & Grade, % Gravel, Stones, ders)
0 - 15	Ар	SL					-	
15 - 44	Bw	FSL			36'	•		
44 - 78	C1	C. Sa	nd					
78 - 90	C2	SiL						
90 - 100	C3	C. Sa						
100 - 108	C4	VFS	L					
Parer	nt Material (g	 eologic):_				Depth of	Bedrock: N	o Refusal
Gro	oundwater O	bserved:		If Y	es: Depth	of Weer	oing from Pit:	
O.	Depth Stand		n Hole:		inches	01 1100		
Estimated Sea					feet			
Louinatou oo	aconai i ligir c	Siodilawate			1001			
Does at least Upper Bounda					i al exist: Boundary (inches):	N/A N/A	
	Protection and		ve analy				ved by the Depart	tment of d training, expertise, Date
		oignatur	·					Dale

Location Add	dress	170 Orchard Street, Newbury							
				On-site Re	<u>eview</u>				
Deep Hole No	umber:	TP-31N	Date:	11/15/2022	Time:		Weather:	40°, Cloudy	
Location:	(see site plai	n)		Ground	Elevation	on at Surf	face of Hole: _		
Land Use:	Agricultrual F	ield		Surface	Stones:	None			
Vegetation:	Corn			Landform:					
Slope(%): Distance from									
Possible V		>100 fe >100 fe >100 fe	eet	Drainage Property Other			feet feet		
		DF	FP O	BSERVATIO	ON HO	IFIOG			
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Text	ture	Soil Color (Munsell)	Redoxii	morphic tures	Other (Struc Consistency	Other ture, Kind & Grade, , % Gravel, Stones, ulders)	
0 - 24	Ар					-	Fill / Previous	TP	
24 - 36	Bw	FSL			3	6"			
36 - 98	C1	C. Sar			-	-			
98 - 100	C2	VFSL	-		-	-	Mottled		
		 							
Parer	nt Material (g	leologic): _				Depth of	f Bedrock:	No Refusal	
Gro	oundwater O Depth Stand asonal High O	ing Water in			es: Dept inches feet	h of Wee	ping from Pit: _		
Does at least Upper Bounda		-				(inches):	N/A N/A		
	Protection and						ved by the Depa It with the requir	artment of ed training, expertise,	
		Signature						Date	

Location Add	dress	170 Orcha	ard Stree	et, Newbury			
				On-site Re	eview		
Deep Hole N	umber:	TP-32N	Date:	11/15/2022	Time:	Weather:	40°, Cloudy
Location:	(see site plan	n)		Ground	Elevation at Su	ırface of Hole:	
Land Use:	Agricultrual I	ield		Surface	Stones: None		
Vegetation:	Corn			Landform:			
Slope(%): Distance from							
Open Wat Possible V	er Body	>100 f	eet	Drainage Property Other	Way >100 Line		
		DE	EEP O	BSERVATI	ON HOLE LO	G	
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Tex (USD	kture	Soil Color (Munsell)	Redoximorphic Features	Other (Structu	Other re, Kind & Grade, % Gravel, Stones, ders)
0 - 15	Ар						
15 - 46	Bw	FSL			40"		
46 - 82	C1	C. Sa					
82 - 94	C2	SiL					
94 - 116	C3	C. Sa					
116 - 120	C4	VFS	L				
Parer	nt Material (g	jeologic):			Depth	of Bedrock: N	o Refusal
Gro	Dundwater O Depth Stand asonal High (ing Water i			es: Depth of We inches feet	eping from Pit:	
Does at least Upper Bounda			ring pe		ial exist: Boundary (inches	N/A): N/A	
•	Protection and				• • • • • • • • • • • • • • • • • • • •	roved by the Depart ent with the required	ment of I training, expertise,
		Signature	e				Date

Location Add	dress	170 Orchard Street, Newbury								
			On-site R	<u>eview</u>						
Deep Hole No	umber:	TP-33N Date:	11/15/2022	Time:	_ Weather: _	40°, Cloudy				
Location:	(see site plan	n)	Ground	l Elevation at Sur	face of Hole: _					
Land Use:	Agricultrual F	ield	Surface	Stones: None						
Vegetation:	Corn / Wood	s	_ Landform:							
Slope(%): Distance from			-							
Open Wat	er Body	>100 feet	Drainage	Way >100	feet					
Possible V	•	>100 feet	Property							
Drinking V	Vater Well	>100 feet	Other		-					
-		DEEP C)BSERVATI	ON HOLE LOG	1					
Donth from	Soil					Other				
Depth from Surface	Horizon/	Soil Texture	Soil Color	Redoximorphic	,	ure, Kind & Grade,				
(inches)	Layer	(USDA)	(Munsell)	Features		% Gravel, Stones, Iders)				
0 - 10	Ар	SL								
10 - 24	Bw	FSL								
24 - 44	C1	C. Sand			Danasaan	/				
44 - 84	C2	SiL			Dense; mixed	w/ layers of Sand				
Parer	nt Material (g	jeologic):		Depth of	f Bedrock: <u>N</u>	lo Refusal				
Gro	oundwater O	bserved: No	If Y	es: Depth of Wee	ning from Pit					
O.V		ing Water in Hole:		inches	pg					
Estimated Sea		-		feet						
				•						
		ally occurring pe			N/A					
Upper Bounda	ary (inches) :	N/A	_ Lower E	Boundary (inches):	N/A					
Certification										
Certification I certify th	at on N/A	I have passed t	the soil evaluate	or examination appro	ved by the Dena	rtment of				
						ed training, expertise,				
and experience			•	-	·					
		Signature				Date				

Location Address 170 Orchard Street, Newbury										
				On-site Re	<u>eview</u>					
Deep Hole No	umber:	TP-34N	Date:	11/15/2022	Time:	Weather:	40°, Cloudy			
Location:	(see site plai	n)		Ground	Elevation at Sur	face of Hole:				
Land Use:	Agricultrual F	Field	Surface Stones: None							
Vegetation:	Corn			Landform:						
Slope(%): Distance from										
Open Wat	ter Body	>100 1	eet	Drainage	Way >100	feet				
Possible V	=	>100		Property						
	Vater Well	>100		Other						
		DE	EEP OI	BSERVATI	ON HOLE LOG	ì				
Donth from	Soil						Other			
Depth from Surface	Horizon/	Soil Tex	cture	Soil Color	Redoximorphic	Other (Structu	re, Kind & Grade,			
(inches)	Layer	(USD	A)	(Munsell)	Features		% Gravel, Stones, ders)			
0 - 10	Ap	SL					, , , , , , , , , , , , , , , , , , ,			
10 - 26	Bw	FSI	_							
26 - 58	C1	C. Sa	nd		36"					
58 +	C2	SiL	•							
Parei	nt Material (g	jeologic): _			Depth o	f Bedrock: N	o Refusal			
G.	oundwater O	boomrodi		lf ∨	os: Donth of Woo	ning from Dit:				
Git	Depth Stand	_	n Hole:		es: Depth of Wee inches	ping nom Fit				
Estimated Sea	•	-	_		feet					
Louinatoa co	aconai i ngi i	Siodilawak	_		1001					
Does at least	4-ft of natur	ally occur	ring pei	rvious mater	ial exist:	N/A				
Upper Bounda					Boundary (inches):	N/A				
<u>Certification</u>										
	at on N/A	l have r	passed th	ne soil evaluato	r examination appro	ved by the Depart	ment of			
					ned by me consister					
and experience			,	•	•	•	3 . 1			
		Signatur	e				Date			

Location Add	dress	170 Orchard Street, Newbury							
				On-site Re	<u>eview</u>				
Deep Hole No	umber:	TP-35N C	Date: _	11/15/2022	Time: _		Weather: _	40°, Cloudy	
Location:	(see site plai	٦)		Ground	Elevation	n at Surf	ace of Hole: _		
Land Use:	Agricultrual F	ield		Surface	Stones:	None			
Vegetation:	Corn			Landform:					
Slope(%): Distance from									
Possible V		>100 fee >100 fee >100 fee	et	Drainage Property Other	_		feet feet		
		DEE	EP OE	BSERVATION	ON HOL	E LOG			
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Textu (USDA)	ıre	Soil Color (Munsell)	Redoxim Featu	norphic	Other (Struct	Other ture, Kind & Grade, , % Gravel, Stones, ılders)	
0 - 10	Ар	SL							
10 - 26	Bw	FSL							
26 - 58	C1	C. Sand	t				2" Th. Layer o	f SiL @ 40"	
58 - 78	C2	SiL							
Parei	nt Material (g	eologic):				Depth of	Bedrock: 1	No Refusal	
Gro		ing Water in I	_		es: Depth inches feet	of Weep	oing from Pit: _		
Does at least Upper Bounda		-			al exist: Boundary (inches):	N/A N/A		
	Protection and						ved by the Depa t with the require	rtment of ed training, expertise,	
		Signature						Date	

Location Add	dress	170 Orchard Street, Newbury								
				On-site Ro	<u>eview</u>					
Deep Hole No	umber:	TP-36N	Date:	11/15/2022	Time:		Weather: _	40°, Cloudy		
Location:	(see site plan	n)		Ground	Elevation a	at Surfa	ace of Hole: _			
Land Use:	Agricultrual F	-ield		Surface	Stones: N	None				
Vegetation:	Corn			Landform:						
Slope(%): Distance from										
Open Wat	ter Body	>100 fe	eet	Drainage	Way >	>100	feet			
Possible V	Vet Area	>100 fe	eet	Property			feet			
Drinking V	Vater Well	>100 fe		Other						
Ç			EP OI	BSERVATI	ON HOLE	LOG				
Depth from	Soil							Other		
Surface	Horizon/	Soil Text		Soil Color	Redoximo		,	ure, Kind & Grade,		
(inches)	Layer	(USDA	A)	(Munsell)	Feature	es		% Gravel, Stones, lders)		
48+	C1	SiL						,		
Parer	nt Material (g	jeologic):			De	epth of	Bedrock: N	lo Refusal		
Gr	oundwater O	hearvad:		If V	es: Denth o	of Ween	ing from Pit:			
O.	Depth Stand		Hole:		inches	n vvccp	g			
Estimated Sea		_	-		feet					
			-							
Does at least Upper Bounda					i al exist: Boundary (in	chec).	N/A N/A			
opper bounds	ary (mones).	IN/A		LOWELE	oundary (III		IN/A			
Certification										
I certify th							ed by the Depar			
		that the abov	e analy	sis was perforr	ned by me co	nsistent	with the require	d training, expertise,		
and experience	ues									
		Signature						Date		

Location Add	dress	170 Orchard Stre	eet, Newbury			
			On-site R	<u>eview</u>		
Deep Hole N	umber:	TP-37N Date	11/15/2022	Time:	_ Weather: _	40°, Cloudy
Location:	(see site pla	n)	Ground	d Elevation at Sur	face of Hole: _	
Land Use:	Agricultrual l	Field	Surface	Stones: None		
Vegetation:	Corn		_ Landform:			
Slope(%): Distance from			_			
Open Wat	ter Body	>100 feet	Drainage	Way >100	feet	
Possible \	-	>100 feet	Property	<u> </u>	feet	
					_1661	
Drinking v	Vater Well	<u>>100</u> feet	Other			
		DEEP (DBSERVATI	ON HOLE LOG		
Depth from	Soil					Other
Surface	Horizon/	Soil Texture	Soil Color	Redoximorphic	•	ture, Kind & Grade,
(inches)	Layer	(USDA)	(Munsell)	Features		, % Gravel, Stones,
(Inches)	Layer				Bou	ılders)
				38"		
42+	C1	SiL			Mixed SiL & S	and layers
			+			
Parei	ı nt Material (ç	geologic):		Depth o	f Bedrock:	No Refusal
Gre	oundwater C			es: Depth of Wee	ping from Pit: _	
		ling Water in Hole	:	inches		
Estimated Se	asonal High (Groundwater:		feet		
Does at least	t 4-ft of natu	rally occurring po	ervious mater	rial exist·	N/A	
Upper Bound				Boundary (inches):		
<u>Certification</u>						
-	nation N/A	I have nassed	the soil evaluate	or examination appro	oved by the Dena	rtment of
						ed training, expertise,
and experience			, p 2/0//	,		
•		Signature				Date
		oignaturo				

Location Add	dress	170 Orchard S	Street, Newbury			
			On-site R	<u>eview</u>		
Deep Hole N	umber:	TP-38N Da	te: 11/15/2022	Time:	Weather: _	40°, Cloudy
Location:	(see site pla	n)	Ground	l Elevation a	at Surface of Hole: _	
Land Use:	Agricultrual l	Field	Surface	Stones: N	None	
Vegetation:	Corn		Landform:			
Slope(%): Distance from						
Open Wat	ter Body	>100 feet	Drainage	Way >	>100 feet	
Possible \	-	>100 feet			feet	
	Vater Well	>100 feet				
Dilliking v	valei vveii	<u> </u>	Other			
		DEEF	OBSERVATI	ON HOLE	LOG	
Depth from	Soil					Other
Surface	Horizon/	Soil Texture		Redoximo		ture, Kind & Grade,
(inches)	Layer	(USDA)	(Munsell)	Feature		, % Gravel, Stones,
, ,	·					ılders)
58 +	C1	SiL				
Parei	nt Material (ç	geologic):		De	epth of Bedrock:	No Refusal
Gre	oundwater O	bserved:	If Y	es: Depth o	of Weeping from Pit:	
	Depth Stand	ing Water in Ho	ole:	inches	_	
Estimated Se	asonal High (Groundwater:		feet		
			pervious mater		N/A	
Upper Bounda	ary (inches).	N/A	Lower i	Boundary (in	ches): N/A	
Certification						
-	nat on N/A	I have passe	ed the soil evaluate	or examination	approved by the Depa	rtment of
					nsistent with the require	
and experience	e des					
		Signature _				Date

Location Add	dress	170 Orcha	ard Stree	et, Newbury				
				On-site R	<u>eview</u>			
Deep Hole N	umber:	TP-39N	Date:	11/15/2022	Time:		Weather:	40°, Cloudy
Location:	(see site plan	n)		Ground	l Elevatio	n at Surf	ace of Hole:	
Land Use:	Agricultrual F	-ield		Surface	Stones:	None		
Vegetation:	Corn / Wood	ls		Landform:				
Slope(%): Distance from								
		>100 f	oot	Drainaga	Mov	>100	foot	
•	-	>100 f		Drainage	-			
Possible \		<u>>100</u> f		Property	Line		feet	
Drinking \	Vater Well	<u>>100</u> f	eet	Other				
	_	DE	EP O	BSERVATI	ON HOL	E LOG		
Depth from	Soil							Other
Surface	Horizon/	Soil Tex		Soil Color	Redoxir	•	,	ire, Kind & Grade,
(inches)	Layer	(USD	A)	(Munsell)	Feat	ures		% Gravel, Stones,
, ,							Boule	ders)
40 +	C1	SiL			-	-		
Pare	nt Material (g	jeologic): _				Depth of	Bedrock: N	o Refusal
Gr	oundwater O	hearvad:		If ∨	as: Dantl	h of Weer	ping from Pit:	
Giv	Depth Stand	_	n Hole:		inches	ii oi vveel	ping nom Fit.	
Estimated Se		-			feet			
Does at least	t 4-ft of natur	rally occur	ring pe	rvious mater	ial exist:		N/A	
Upper Bound	ary (inches) :	N/A	١	Lower E	Boundary	(inches):	N/A	
	Protection and						ved by the Depart t with the required	ment of d training, expertise,
•		Signatur	e					Date
		9.14.41						

Location Add	dress	170 Orchar	rd Stree	et, Newbury				
				On-site Ro	<u>eview</u>			
Deep Hole No	umber:	TP-40N	Date:	11/15/2022	Time: _		Weather: _	40°, Cloudy
Location:	(see site plan	n)		Ground	Elevation	n at Surf	ace of Hole: _	
Land Use:	Agricultrual F	Field		Surface	Stones:	None		
Vegetation:	Corn			Landform:				
Slope(%): Distance from								
	ter Body	>100 fe	eet	Drainage	Way _	>100	feet	
Possible \	Vet Area	<u>>100</u> fe	eet	Property	Line _		feet	
Drinking V	Vater Well	>100 fe	eet	Other				
		DE	EP OI	BSERVATI	ON HOL	E LOG		
Depth from	Soil							Other
Surface	Horizon/	Soil Text		Soil Color (Munsell)	Redoxim Featu		,	ure, Kind & Grade, % Gravel, Stones,
(inches)	Layer	(000)	')	(Widilisell)	1 Cate	1103		Iders)
53 +	C1	SiL						
Parer	nt Material (g	geologic): _			ı	Depth of	Bedrock: N	lo Refusal
Gro	oundwater O	bserved:		If Y	es: Depth	of Weer	oing from Pit:	
O	Depth Stand		Hole:		inches	. 000		
Estimated Sea		-			feet			
Does at least Upper Bounda					ial exist: Boundary ((inches):	N/A N/A	
	, , , ,			_	, (· /		
<u>Certification</u>								
							ed by the Depar	
and experience		mat me abov	re analy	sis was periorr	nea by me	consistent	i wiin ine require	d training, expertise,
and expendince	. 450	.						D 4
		Signature						Date

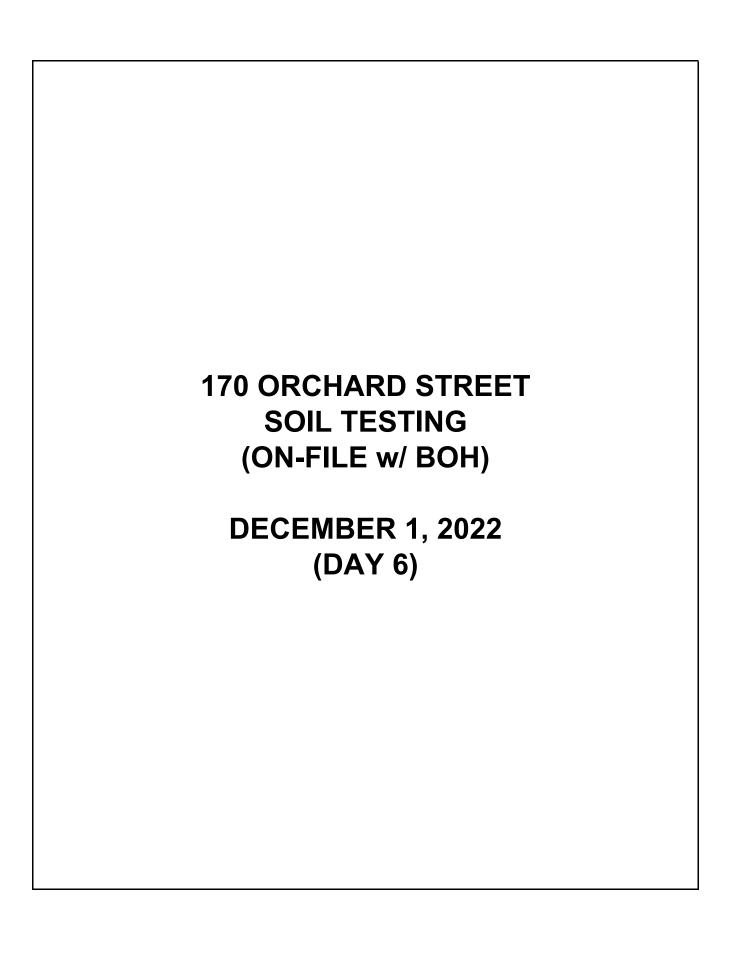
Location Add	dress	170 Orchard	d Stree	t, Newbury				
				On-site Re	<u>eview</u>			
Deep Hole No	umber:	TP-41N	Date: _	11/15/2022	Time:		Weather: _	40°, Cloudy
Location:	(see site plan	n)		Ground	Elevation at	t Surfa	ace of Hole: _	
Land Use:	Agricultrual F	Field		Surface	Stones: No	one		
Vegetation:	Corn			Landform:				
Slope(%): Distance from								
	ter Body	>100 fe	et	Drainage	Way >1	100 f	feet	
Possible V	•	>100 fe		Property			feet	
Drinking V	Vater Well	>100 fe		Other				
Ç		DE	EP OE	BSERVATIO	ON HOLE I	LOG		
Depth from	Soil							Other
Surface	Horizon/	Soil Text		Soil Color	Redoximorp		,	ure, Kind & Grade,
(inches)	Layer	(USDA	(,)	(Munsell)	Features	6		% Gravel, Stones, Iders)
56 +	C1	SiL				-		
Parer	nt Material (g	jeologic):			Dep	oth of	Bedrock: N	lo Refusal
Gro	oundwater O	bserved:		If Y	es: Depth of	Weep	ina from Pit:	
	Depth Stand		Hole:		inches		g	
Estimated Sea		-	_		feet			
Does at least Upper Bounda					i al exist: Boundary (incl	hes):_	N/A N/A	
Cortification								
Certification I certify th	at on N/A	I have na	ssed th	e soil evaluato	r examination a	approve	ed by the Depar	tment of
								d training, expertise,
and experience								
		Signature						Date

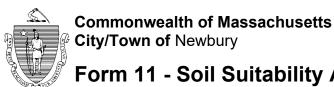
Location Add	dress	170 Orchard	d Stree	t, Newbury				
				On-site Re	<u>eview</u>			
Deep Hole N	umber:	TP-42N	Date: _	11/15/2022	Time: _		Weather: _	40°, Cloudy
Location:	(see site plan	n)		Ground	Elevation	n at Surf	ace of Hole: _	
Land Use:	Agricultrual F	ield		Surface	Stones:	None		
Vegetation:	Corn			Landform:				
Slope(%): Distance from								
Possible \	ter Body Vet Area Vater Well	>100 fee >100 fee >100 fee	et	Drainage Property Other	_		feet feet	
		DEE	EP OE	BSERVATIO	ON HOL	E LOG		
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Textu	ure	Soil Color (Munsell)	Redoxim Featu	norphic	Consistency	Other ture, Kind & Grade, , % Gravel, Stones, ılders)
56 +	C1	SiL						,
Parei	nt Material (g	jeologic):		·		Depth of	Bedrock:	No Refusal
Gr o		ing Water in I	_		es: Depth inches feet	of Weep	oing from Pit: _	
Does at least Upper Bound		-			al exist: Boundary ((inches):	N/A N/A	
	Protection and						ved by the Depa t with the require	rtment of ed training, expertise,
		Signature						Date

Location Add	dress	170 Orcha	rd Stre	et, Newbury				
				On-site Ro	<u>eview</u>			
Deep Hole N	umber:	TP-43N	Date:	11/15/2022	Time:		Weather: _	40°, Cloudy
Location:	(see site plai	n)		Ground	Elevation	on at Surf	face of Hole:	
Land Use:	Agricultrual F	Field		Surface	Stones:	None		
Vegetation:	Corn			Landform:				
Slope(%): Distance from								
Possible \	ter Body Vet Area Vater Well	>100 fo	eet	Drainage Property Other			feet feet	
		DE	EP O	BSERVATI	ON HO	LE LOG	i	
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Tex (USD/	ture	Soil Color (Munsell)	Redoxii	morphic tures	Other (Struc Consistency	Other ture, Kind & Grade, , % Gravel, Stones, ulders)
54 +	C1	SiL			-		SiL ribbon in s	sand @ 36"
Parei	nt Material (g	eologic): _				Depth of	f Bedrock:	No Refusal
Green Estimated Se	oundwater O Depth Stand asonal High O	ing Water ir			es: Dept inches feet	th of Wee	ping from Pit: _	
Does at least Upper Bounda		-				(inches):	N/A N/A	
	Protection and						ved by the Depa it with the requir	artment of ed training, expertise,
		Signature	e					Date

Location Add	dress	170 Orcha	rd Stre	et, Newbury				
				On-site Ro	<u>eview</u>			
Deep Hole N	umber:	TP-44N	Date:	11/15/2022	Time:		Weather: _	40°, Cloudy
Location:	(see site plai	n)		Ground	Elevatio	n at Surf	ace of Hole:	
Land Use:	Agricultrual F	Field		Surface	Stones:	None		
Vegetation:	Corn			Landform:				
Slope(%): Distance from								
Open Wa Possible \	ter Body	>100 f >100 f >100 f	eet	Drainage Property Other			feet feet	
		DE	EP O	BSERVATI	ON HOL	E LOG		
Depth from Surface (inches)	Soil Horizon/ Layer	Soil Tex (USD		Soil Color (Munsell)	Redoxir Feat		Consistency	Other ture, Kind & Grade, , % Gravel, Stones, ılders)
30 - 77+	C1	SiL			-	-		
Pare	nt Material (g	eologic):_				Depth of	Bedrock: I	No Refusal
Gro Estimated Se	oundwater O Depth Stand asonal High O	ing Water ir			es: Deptl inches feet	h of Weep	oing from Pit: _	
Does at least Upper Bound		-	• •		i al exist: Boundary	(inches):	N/A N/A	
	Protection and						ved by the Depa t with the require	rtment of ed training, expertise,
		Signature	e					Date

Location Add	dress	170 Orchar	d Stree	t, Newbury				
				On-site Re	<u>eview</u>			
Deep Hole No	umber:	TP-45N	Date: _	11/15/2022	Time:		Weather: _	40°, Cloudy
Location:	(see site plan	n)		Ground	Elevation a	t Surfa	ace of Hole: _	
Land Use:	Agricultrual F	-ield		Surface	Stones: N	lone		
Vegetation:	Corn			Landform:				
Slope(%): Distance from								
Open Wat	ter Body	>100 fe	et	Drainage	Way >	100 1	feet	
Possible \	Vet Area	>100 fe	et	Property			feet	
Drinking V	Vater Well	>100 fe		Other				
Ç		DEI	EP OE	BSERVATIO	ON HOLE	LOG		
Depth from	Soil							Other
Surface	Horizon/	Soil Text		Soil Color	Redoximor		`	ure, Kind & Grade,
(inches)	Layer	(USDA	()	(Munsell)	Feature	S		% Gravel, Stones, lders)
20+	C1	SiL						
			+			+		
Parer	nt Material (g	jeologic):			De	pth of	Bedrock: N	lo Refusal
Gro	oundwater O	bserved:		If Y	es: Depth of	f Weep	ing from Pit:	
	Depth Stand		Hole:		inches		g	
Estimated Sea		-	_		feet			
Does at least Upper Bounda					i al exist: Boundary (ind	ches):	N/A N/A	
O-HE- C								
Certification L certify th	at on N/Δ	l have na	assed th	e soil evaluato	r examination	approv	ed by the Depar	tment of
								d training, expertise,
and experience			,	•	•		•	
		Signature						Date





Cnc:
Dpl:
Cnc:
Dpl:

			· Cartabilit	<i>y</i>		J. J.		Jonago	, Diop	oou.	
C. On-	Site Revi	ew (minim	um of two hole	es requ	ired at every pr	oposed p	rimary a	and reserv	e dispo	sal area)	
Deep	Observation	n Hole Numb	er: TP-1D Hole #	12/1/2 Date		30 me		/eather		Latitude	Longitude
			Hole #	Date		me				Latitude	•
1. Land	Use Agricu	Itural Field			Bare Soil / Corn		None				0 - 3
	(e.g., wo	oodland, agriculti	ural field, vacant lot, e	tc.)	Vegetation		Surface	e Stones (e.g.,	cobbles, sto	nes, boulders, e	Slope (%)
Descriptic	n of Location	: <u>Lo</u>	t 3								
Soil P	arent Materia	al:									
		·			Landform	1		Position on I	Landscape (SU, SH, BS, FS,	TS, Plain)
3. Distar	nces from:	Oper	n Water Body _≥	>100 feet	t	Drainag	e Wav	feet		Wetlan	ids >100 feet
. 2.515		O p 5.		<u></u>	•	9					<u></u>
			Property Line 1	IN9 feet	Dri	nking Wate	er Well >	100 feet		Oth	er feet
		'	1 10porty 2.110 <u>1</u>	100	5	mang wat		100		Our	<u> </u>
4. Unsu	itable Materia	als Present:	☐ Yes ⊠ No	If Yes:	☐ Disturbed Soil/	Fill Material		Weathered/	Fractured I	Rock 🔲 Be	drock
5 Grour	ndwater Obse	rved. \	s 🛛 No		If ves:	Denth	to Weening	in Hole		Denth to Sta	anding Water in Hole
J. Groui	idwater Obse		, <u>N</u> 110		11 ycs	Deptil	to weeping	III I IOIE		Deptil to Sta	anding water in Flore
					Soi	l Log					
					Dadavima mbia Faatu		Coarse	Fragments		0-11	
Depth (in)	Soil Horizon	Soil Texture	Soil Matrix: Color-		Redoximorphic Featu	res	% by	Volume	Soil	Soil Consistence	Other
20pt ()	/Layer	(USDA	Moist (Munsell)	Depth	Color	Percent	Gravel	Cobbles & Stones	Structure	(Moist)	Cuio.
	_		10) (7-0)0		Cnc:			_		_	
0 - 17	Ар	FSL	10YR 3/2		Dpl:		<2	<2	Gran.	Fr.	
					Cnc:						
17 - 48	Bw	FSL		36"			<2	<2	Ma.	Fr.	
					Dpl:						
48 - 96	C1	C. Sand			Cnc:	1	<2	<2	S.G.	Loose	
.0 00	<u> </u>	3. Gana			Dpl:		_	· <u>,</u>	0.0.	2000	
00 404	00	FOL			Cnc:		40	-10	N4-	-	Liando Matte
96 - 104	C2	FSL			Dal:		<2	<2	Ma.	Fr.	Heavily Mottled

Additional Notes:

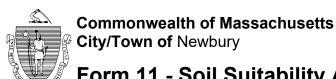
BOE @ 104"; No Refusal; No Water



Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

Deep	Observati	on Hole Numb		12/1/2	22						
			Hole #	Date		Time	V	Veather		Latitude	Longitude
Land I		ıricultural Field			Bare Soil /	Corn	None				0 - 3
	(e.	g., woodland, agri	cultural field, vacant lo					e Stones (e.g.,	cobbles, sto	nes, boulders, etc.	Slope (%)
Descr	iption of Lo	cation:	Lot 3								<u> </u>
Soil P	arent Mate	rial:									
					Landf	form		Position on	Landscape	(SU, SH, BS, FS,	TS, Plain)
Distar	ices from:	Ope	n Water Body <u>></u>	100 feet		Drainage	e Way _	feet		Wetland	ds <u>>100</u> feet
			Property Line 1	<u>09</u> feet	!	Drinking Wate	r Well <u>></u>	•100 feet		Othe	er feet
Unsuita	ble Materia	ls Present:	Yes ⊠ No I	f Yes: [Disturbed Soil	/Fill Material		Weathered/Fr	actured Ro	ck 🗌 Bedroo	:k
Groun	dwater Ob	served: Yes	s 🛭 No			If yes:	_ Depth to	Weeping in Ho	le _	Depth Star	ding Water in Hole
Groun	dwater Ob	served: Yes	s 🛚 No		;	If yes:	_ Depth to	Weeping in Ho	le	Depth Star	ding Water in Hole
	dwater Ob		Soil Matrix: Color-		Redoximorphic F	Soil Log	Coarse	Weeping in Ho e Fragments y Volume	le _	Soil	
Groun			_	Depth		Soil Log	Coarse	e Fragments			ding Water in Hole Other
epth (in)	Soil Horizo	n Soil Texture	Soil Matrix: Color-	Depth	Redoximorphic F	Soil Log	Coarse	e Fragments y Volume Cobbles &	Soil	Soil Consistence	
epth (in) 0 - 15	Soil Horizo	n Soil Texture (USDA)	Soil Matrix: Color- Moist (Munsell)	Depth	Redoximorphic For Color Cnc: Dpl: Cnc:	Soil Log	Coarse % b	e Fragments y Volume Cobbles & Stones	Soil	Soil Consistence	
epth (in) 0 - 15 15 - 45	Soil Horizo /Layer Ap	n Soil Texture (USDA)	Soil Matrix: Color- Moist (Munsell)	Depth 36"	Color Cnc: Dpl: Cnc: Dpl: Cnc: Cnc: Cnc: Cnc:	Soil Log	Coarse % b Gravel	e Fragments y Volume Cobbles & Stones	Soil	Soil Consistence	
	Soil Horizo /Layer Ap Bw	n Soil Texture (USDA) FSL FSL	Soil Matrix: Color- Moist (Munsell)	Depth 36"	Redoximorphic For Color Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc:	Soil Log	Coarse % b Gravel <2 <2	e Fragments y Volume Cobbles & Stones <2 <2	Soil	Soil Consistence	Other
epth (in) 0 - 15 15 - 45 15 - 98	Soil Horizo /Layer Ap Bw	r Soil Texture (USDA) FSL FSL C. Sand	Soil Matrix: Color- Moist (Munsell)	Depth 36"	Redoximorphic Formal Color Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Dpl: Dpl: Dpl: Dpl:	Soil Log	Coarse % b Gravel <2 <2 <2	e Fragments y Volume Cobbles & Stones <2 <2 <2	Soil	Soil Consistence	
epth (in) 0 - 15 15 - 45 15 - 98	Soil Horizo /Layer Ap Bw	r Soil Texture (USDA) FSL FSL C. Sand	Soil Matrix: Color- Moist (Munsell)	Depth 36"	Redoximorphic For Color Cnc: Dpl: Cnc:	Soil Log	Coarse % b Gravel <2 <2 <2	e Fragments y Volume Cobbles & Stones <2 <2 <2	Soil	Soil Consistence	Other
epth (in) 0 - 15 15 - 45 15 - 98	Soil Horizo /Layer Ap Bw	r Soil Texture (USDA) FSL FSL C. Sand	Soil Matrix: Color- Moist (Munsell)	Depth 36"	Redoximorphic Formal Color Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Dpl: Dpl: Dpl: Dpl:	Soil Log	Coarse % b Gravel <2 <2 <2	e Fragments y Volume Cobbles & Stones <2 <2 <2	Soil	Soil Consistence	Other

Lot 3 (A) - t5form11.doc



1.	Method Used (Choose one): ☑ Depth to soil redoximorphic features		Obs. Hole # <u>TP-1D</u> <u>36</u> inches		Hole # <u>TP-2D</u> ches			
	☐ Depth to observed standing water in observa	tion hole	inches		_ inches			
	☐ Depth to adjusted seasonal high groundwater (USGS methodology)	- (S _h)	inches		_ inches			
	Index Well Number	Reading Date						
	$S_h = S_c - [S_r x (OW_c - OW_{max})/OW_r]$							
	Obs. Hole/Well# S _c	S _r	OW _c	OW _{max}	OW _r	S _h		
Ē.	. Depth of Pervious Material							_
1.	Depth of Naturally Occurring Pervious Material							
	a. Does at least four feet of naturally occurring p	pervious material exis	st in all areas observed	I throughout the	e area proposed for th	ne soil absorp	otion system?	
	∑ Yes							
	b. If yes, at what depth was it observed (exclude	D, A, and E Horizons)?	Upper boundary		Lower boun	ıdary:	98	_
	c. If no, at what depth was impervious material	observed?	Upper boundary		Lower boun	ıdary:	inches	
				inches			inches	



Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

Dpl:
Cnc:
Dpl:
Cnc:
Dpl:
Dpl:

C. On-	Site Revi	ew (minim	num of two hole	es requ	iired at every pi	roposed p	rimary	and reserv	e dispo	sal area)	
Deep	Observation	n Hole Numb	er: TP-3D	12/1/2	22						
			Hole #	Date	T	ïme	V	Veather		Latitude	Longitude
1. Land	Use Agricu	Itural Field			Bare Soil / Corn		None				0 - 3
	(e.g., wo	oodland, agricult	ural field, vacant lot, e	etc.)	Vegetation		Surfac	e Stones (e.g.,	cobbles, sto	ones, boulders, et	c.) Slope (%)
Description	on of Location	n: <u>Lo</u>	ot 3								
2. Soil P	arent Materia	al:			Landfor	<u> </u>		Desition on I	andacana (SU, SH, BS, FS,	TC Digin)
					Landion				Landscape (•
Distar	nces from:	Ope	n Water Body 🛚 👱	<u>>100</u> fee	t	Drainag	e Way _	feet		Wetlan	ds <u>>100</u> feet
			D ():	100 -	5			100 -		011	
			Property Line 1	136 feet	Dr	inking Wate	er vveii <u>></u>	•100 feet		Oth	er feet
5. Grour	ndwater Obse	erved: 🛛 Yes	s 🗌 No		-	Depth t	to Weeping	յ in Hole	<u>96"</u>	Depth to Standi	ng Water in Hole
Depth (in)	Soil Horizon	Soil Texture	Soil Matrix: Color-		Redoximorphic Featu	ures		Fragments / Volume	Soil	Soil Consistence	Other
Doptii (iii)	/Layer	(USDA	Moist (Munsell)	Depth	Color	Percent	Gravel	Cobbles & Stones	Structure	(Moist)	Galoi
0 - 12	Ар	FSL	10YR 3/2		Cnc:		<2	<2	Gran.	Fr.	
0 - 12	74	I OL	10111 3/2		Dpl:		~2	```	Gran.	11.	
12 - 54	Bw	FSL		28"	Cnc:		<2	<2	Ma.	Fr.	
12 - 34	Dvv	I OL		20	Dpl:		~∠	``~	ivia.	11.	
		1			Cnc:						
54 - 110	C1	C Sand			CIIC .		<2	<2	SG	Loose	
54 - 110	C1	C. Sand			Dpl:		<2	<2	S.G.	Loose	

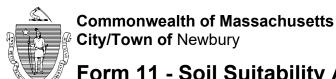
Additional Notes:

BOE @ 110; No Refusal



Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

Deep	Observat	on Hole Numl		12/1/	22		<u></u>				
			Hole #	Date		Time		Veather		Latitude	Longitude
. Land		gricultural Field			Bare Soil /	Corn	None		0 - 3		
	•	-	cultural field, vacant lo	ot, etc.)	Vegetation		Surface	e Stones (e.g.,	cobbles, sto	nes, boulders, etc	Slope (%)
Desci	iption of L	cation:	Lot 3								
. Soil F	arent Mate	rial:									
					Land	form		Position on	Landscape	(SU, SH, BS, FS,	TS, Plain)
. Distai	nces from:	Оре	en Water Body <u>≥</u>	100 fee	t	Drainag	e Way _	feet		Wetlan	ds <u>>100</u> feet
			Property Line 1	35 feet		Drinking Wate	er Well <u>></u>	100 feet		Oth	er feet
						_					
. Unsuita	ible Materi	als Present: 📙] Yes 🛛 No 🛭	f Yes:	□ Disturbed Soi	I/Fill Material	∐ V	Weathered/Fr	actured Ro	ck 🗌 Bedro	ck
0	alwatar Ok					lf v.a.s.	D 11.1		. 4	00" 5 " 0"	
Grour	ndwater Ob	served:⊠ Ye	s 🗌 No			If yes:	_ Depth to	Weeping in Ho	le <u>1</u>	08" Depth Stand	ing Water in Hole
Grour	ndwater Ob		s 🗌 No		;	If yes:	_ Depth to	Weeping in Ho	le <u>1</u>	08" Depth Stand	ing Water in Hole
		served:⊠ Ye			Redoximorphic F	Soil Log	Coarse	e Fragments		Soil	
	Soil Horiz	served:⊠ Ye	Soil Matrix: Color-Moist (Munsell)	Depth		Soil Log	Coarse	e Fragments y Volume Cobbles &	Soil Structure		ing Water in Hole Other
Depth (in)	Soil Horiz	served: Ye Soil Texture (USDA)	Soil Matrix: Color- Moist (Munsell)	Depth	Redoximorphic F	Soil Log	Coarse % by Gravel	Fragments y Volume Cobbles & Stones	Soil Structure	Soil Consistence (Moist)	
	Soil Horiz	served: X Ye	Soil Matrix: Color-	Depth	Redoximorphic F	Soil Log	Coarse % by	e Fragments y Volume Cobbles &	Soil	Soil Consistence	
Depth (in) 0 - 13	Soil Horiz	served: Ye Soil Texture (USDA)	Soil Matrix: Color- Moist (Munsell)	Depth	Redoximorphic F Color Cnc: Dpl: Cnc:	Soil Log	Coarse % by Gravel	Fragments y Volume Cobbles & Stones	Soil Structure	Soil Consistence (Moist)	
Depth (in)	Soil Horiz /Layer Ap	served: Ye Soil Texture (USDA) FSL	Soil Matrix: Color- Moist (Munsell)		Redoximorphic F Color Cnc: Dpl: Cnc: Dpl: Dpl:	Soil Log	Coarse % b	Fragments y Volume Cobbles & Stones	Soil Structure Gran.	Soil Consistence (Moist)	
Oepth (in) 0 - 13 13 - 54	Soil Horize /Layer Ap Bw	served: Ye Soil Texture (USDA) FSL	Soil Matrix: Color- Moist (Munsell)		Redoximorphic F Color Cnc: Dpl: Cnc: Dpl: Cnc: Cnc:	Soil Log	Coarse % b	Fragments y Volume Cobbles & Stones	Soil Structure Gran.	Soil Consistence (Moist)	
Depth (in) 0 - 13	Soil Horize /Layer Ap Bw	served: Ye Soil Texture (USDA) FSL FSL	Soil Matrix: Color- Moist (Munsell)		Redoximorphic F Color Cnc: Dpl: Cnc: Dpl: Dpl:	Soil Log	Coarse % by Gravel <2 <2	Fragments y Volume Cobbles & Stones <2 <2	Soil Structure Gran. Ma.	Soil Consistence (Moist) Fr.	
0 - 13 13 - 54	Soil Horize /Layer Ap Bw	served: Ye Soil Texture (USDA) FSL FSL	Soil Matrix: Color- Moist (Munsell)		Redoximorphic F Color Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Dpl: Cnc: Dpl:	Soil Log	Coarse % by Gravel <2 <2	Fragments y Volume Cobbles & Stones <2 <2	Soil Structure Gran. Ma.	Soil Consistence (Moist) Fr.	
0 - 13 13 - 54	Soil Horize /Layer Ap Bw	served: Ye Soil Texture (USDA) FSL FSL	Soil Matrix: Color- Moist (Munsell)		Redoximorphic F Color Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Cnc: Cnc: Cnc:	Soil Log	Coarse % by Gravel <2 <2	Fragments y Volume Cobbles & Stones <2 <2	Soil Structure Gran. Ma.	Soil Consistence (Moist) Fr.	
Oepth (in) 0 - 13 13 - 54	Soil Horize /Layer Ap Bw	served: Ye Soil Texture (USDA) FSL FSL	Soil Matrix: Color- Moist (Munsell)		Redoximorphic F Color Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl:	Soil Log	Coarse % by Gravel <2 <2	Fragments y Volume Cobbles & Stones <2 <2	Soil Structure Gran. Ma.	Soil Consistence (Moist) Fr.	



1.	Method Used (Choose one): ☑ Depth to soil redoximorphic features		Obs. Hole # <u>TP-3D</u> <u>28</u> inches	Obs. <u>26</u> ind	Hole # <u>TP-4D</u> ches		
	☐ Depth to observed standing water in observed	ation hole	inches		_ inches		
	Depth to adjusted seasonal high groundwate (USGS methodology)	er (S _h)	inches		_ inches		
	Index Well Number	Reading Date					
	$S_h = S_c - [S_r x (OW_c - OW_{max})/OW_r]$						
	Obs. Hole/Well# Sc	S _r	OW _c	OW _{max}	OW _r	S _h	
Ε.	Depth of Pervious Material						
1.	Depth of Naturally Occurring Pervious Material						
	a. Does at least four feet of naturally occurring	pervious material exis	st in all areas observed	throughout the	area proposed for th	ne soil absorpf	tion system?
	⊠ Yes □ No						
	b. If yes, at what depth was it observed (exclude	e O, A, and E Horizons)?	Upper boundary	: 54 inches	Lower bound	dary:	110
	c. If no, at what depth was impervious materia	l observed?	Upper boundary		Lower boun	dary:	



Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

	/ I OIIII	11 - 301	i Sultabilit	y As		oi Oii-	Site C	ewage	Pish	USai		
C. On-	Site Revi	ew (minim	um of two hole	es requ	ired at every pro	oposed p	rimary a	and reserv	e dispo	sal area)		
Deep	Observation	n Hole Numb		12/1/2						 		
			Hole #	Date	Tir	ne		eather/		Latitude		ongitude
1. Land	Use Agricu	Itural Field			Bare Soil / Corn		None					- 3
		-	ural field, vacant lot, e	etc.)	Vegetation		Surface	e Stones (e.g.,	cobbles, sto	nes, boulders, e	tc.) Si	ope (%)
Description	on of Location	: <u>Lo</u>	ot 4									
0.115												
2. Soil F	arent Materia	al: 			Landform			Docition on I	andecano (SU, SH, BS, FS,	TS Dlain\	
									. ,		,	
3. Distai	nces from:	Opei	n Water Body ⊃ <u>≥</u>	<u>>100</u> feet	t	Drainag	e Way _	feet		Wetlar	nds <u>>1</u>	<u>00</u> feet
			Property Line <u>5</u>	57 feet	Drii	nking Wate	er Well <u>></u>	<u>100</u> feet		Oth	er	feet
1 Hneu	itable Materi	ale Dresent:	□ Vec ⊠ No	If Voc	☐ Disturbed Soil/l	Fill Matorial		Weathered/	Eractured I	Rock □ Be	drock	
+. Olisu	itable iviateri	ais Fresent.		11 165.	☐ Disturbed Soli/i	TIII IVIALEITAI		vveatriereu/	riaciuieu i	Nock □ De	UIUUK	
- 0			N N		16							
o. Grour	ndwater Obse	ervea: Yes	s 🛛 No		if yes:	Depth	to Weeping	ın Hole		Depth to Sta	anding Wat	er in Hole
					Soil	Log						
							Coarse	Fragments				
Depth (in)	Soil Horizon	Soil Texture	Soil Matrix: Color-	!	Redoximorphic Featur	res		Volume	Soil	Soil Consistence		Other
Doptii (iii)	/Layer	(USDA	Moist (Munsell)	Depth	Color	Percent	Gravel	Cobbles & Stones	Structure	(Moist)		Calor
			10) (7, 0)		Cnc:					_		
0 - 15	Ар	FSL	10YR 3/2		Dpl:		<2	<2	Gran	Fr.		
	_				Cnc :			_				
15 - 40	Bw	FSL		32"	Dnl:	1	<2	<2	Ma.	Fr.		

<2

<2

<2

<2

S.G.

Ма.

Cnc:

Dpl: Cnc:

Dpl:

Additional Notes:

BOE @ 96"; No Refusal

C1

C2

C. Sand

FSL

40 - 89

89 - 96

Loose

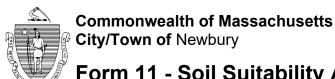
Fr.

Mottled



Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

Deep	Observation	on Hole Numb	er: <u>TP-10D</u> Hole #	12/1/	22	Time				1 - 64 - 1 -	Longitude
1	1			Date				Veather		Latitude	•
Land		ricultural Field	cultural field, vacant lo	ot oto \	Bare Soil / (Corn	None		aabblaa ata	nes, boulders, etc	0 - 3 Slope (%)
_	,			,	-			e Stories (e.g.,	copples, sto	ries, boulders, etc) Slope (%)
Descr	iption of Lo	cation:	Lot 4								
Soil P	arent Mate										
					Landfo	orm	.	Position on	Landscape	(SU, SH, BS, FS,	TS, Plain)
Distar	ces from:	Ope	n Water Body <u>></u>	100 fee	t	Drainage	e Way _	feet		Wetlan	ds <u>>100</u> feet
			Property Line 8	5 feet	Γ	Orinking Wate	r Well <u>></u>	·100 feet		Oth	er feet
Unsuita	hle Materia	ls Present· □	Yes ⊠ No I	f Ves· l	☐ Disturbed Soil	/Fill Material		Neathered/Er	actured Ro	ck 🗌 Bedro	ck
Cristila	DIO MIGIGIA	10 1 103011t	102 🖂 140 1	1 1 03.		i iii iviatoriai	⊔ ∨	rvediriered/FF	aciarca INO		OIX.
Groun	dwater Ob	erved: \to Ves	s 🕅 No			If ves	Denth to	Weening in Ho	ماد	Denth Sta	nding Water in Hole
Groun	dwater Ob	served: Yes	s 🛭 No			If yes:	_ Depth to	Weeping in Ho	le _	Depth Sta	nding Water in Hole
Groun	dwater Ob	served: Yes	s 🛭 No		S	If yes:			le _	Depth Sta	nding Water in Hole
			_		S Redoximorphic Fe	Soil Log	Coarse	e Fragments		Soil	
	dwater Obs		Soil Matrix: Color-Moist (Munsell)	Donath	Redoximorphic Fe	Soil Log	Coarse % by		Soil Structure	Soil Consistence	nding Water in Hole Other
Groun	Soil Horizo	Soil Texture	Soil Matrix: Color-	Depth	Redoximorphic Fe	Soil Log	Coarse	e Fragments y Volume	Soil	Soil	
	Soil Horizo	Soil Texture	Soil Matrix: Color-	Depth	Redoximorphic Fe Color Cnc:	Soil Log	Coarse % by	Fragments y Volume Cobbles &	Soil	Soil Consistence	
Depth (in) 0 - 16	Soil Horizo /Layer Ap	Soil Texture (USDA)	Soil Matrix: Color- Moist (Munsell)		Redoximorphic Fe Color Cnc: Dpl:	Soil Log	Coarse % by Gravel	Fragments y Volume Cobbles & Stones	Soil Structure	Soil Consistence (Moist)	
Depth (in)	Soil Horizo /Layer	Soil Texture (USDA)	Soil Matrix: Color- Moist (Munsell)	Depth	Redoximorphic Fe Color Cnc: Dpl: Cnc:	Soil Log	Coarse % by Gravel	Fragments y Volume Cobbles & Stones	Soil Structure	Soil Consistence (Moist)	
Oepth (in) 0 - 16 16 - 40	Soil Horizo /Layer Ap Bw	Soil Texture (USDA) FSL FSL	Soil Matrix: Color- Moist (Munsell)		Redoximorphic Fe Color Cnc: Dpl:	Soil Log	Coarse % by Gravel <2 <2	Fragments y Volume Cobbles & Stones <2 <2	Soil Structure Gran. Ma.	Soil Consistence (Moist) Fr.	
Depth (in) 0 - 16	Soil Horizo /Layer Ap	Soil Texture (USDA)	Soil Matrix: Color- Moist (Munsell)		Color Cnc: Dpl: Cnc: Dpl: Dpl:	Soil Log	Coarse % by Gravel	Fragments y Volume Cobbles & Stones	Soil Structure Gran.	Soil Consistence (Moist)	
0 - 16 16 - 40 40 - 90	Soil Horizo /Layer Ap Bw C1	Soil Texture (USDA) FSL FSL C. Sand	Soil Matrix: Color- Moist (Munsell)		Redoximorphic Fe Color Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Cnc: Cnc:	Soil Log	Coarse % by Gravel <2 <2 <2	Fragments y Volume Cobbles & Stones <2 <2 <2	Soil Structure Gran. Ma. S.G.	Soil Consistence (Moist) Fr. Fr.	Other
0 - 16 16 - 40	Soil Horizo /Layer Ap Bw	Soil Texture (USDA) FSL FSL	Soil Matrix: Color- Moist (Munsell)		Redoximorphic Fe Color Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Dpl: Cnc: Dpl:	Soil Log	Coarse % by Gravel <2 <2	Fragments y Volume Cobbles & Stones <2 <2	Soil Structure Gran. Ma.	Soil Consistence (Moist) Fr.	
0 - 16 16 - 40 40 - 90	Soil Horizo /Layer Ap Bw C1	Soil Texture (USDA) FSL FSL C. Sand	Soil Matrix: Color- Moist (Munsell)		Redoximorphic Fe Color Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Cnc: Cnc:	Soil Log	Coarse % by Gravel <2 <2 <2	Fragments y Volume Cobbles & Stones <2 <2 <2	Soil Structure Gran. Ma. S.G.	Soil Consistence (Moist) Fr. Fr.	Other
0 - 16 16 - 40 40 - 90	Soil Horizo /Layer Ap Bw C1	Soil Texture (USDA) FSL FSL C. Sand	Soil Matrix: Color- Moist (Munsell)		Redoximorphic Fe Color Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Cnc: Dpl: Dpl: Cnc: Dpl:	Soil Log	Coarse % by Gravel <2 <2 <2	Fragments y Volume Cobbles & Stones <2 <2 <2	Soil Structure Gran. Ma. S.G.	Soil Consistence (Moist) Fr. Fr.	Other



	Method Used (Choose one): ☑ Depth to soil redoximorphic features		Obs. Hole # <u>TP-9D</u> <u>32</u> inches		s. Hole # <u>TP-10D</u> nches		
	☐ Depth to observed standing water in observa	tion hole	inches		inches		
	Depth to adjusted seasonal high groundwate (USGS methodology)	r (S _h)	inches		inches		
	Index Well Number	Reading Date					
	$S_h = S_c - [S_r x (OW_c - OW_{max})/OW_r]$						
	Obs. Hole/Well# S _c	S _r	OW _c	OW _{max}	OW _r	S _h	
E.	Depth of Pervious Material						
1.	Depth of Naturally Occurring Pervious Material						
	a. Does at least four feet of naturally occurring	pervious material exi	ist in all areas observed	I throughout th	ne area proposed for t	he soil absorp	otion system?
	∑ Yes						
	b. If yes, at what depth was it observed (exclude	O, A, and E Horizons)?	Upper boundary		Lower bour	ndary:	90
	c. If no, at what depth was impervious material	observed?	Upper boundary	inches : inches	Lower bour	ndary:	inches



	FOIIII	11 - 301	ı Sultabilit	y A5:	sessinent i	oi Oii-	Site 3	bewaye	, Dish	USai		
C. On-	Site Revi	ew (minim	num of two hole	es requ	ired at every pr	oposed p	orimary a	and reserv	e dispo	sal area)		
Deep	Observation	n Hole Numb		12/1/2							 .	
			Hole #	Date		me		eather/		Latitude	Longitude	
1. Land	Use Agricu	Itural Field	ural field, vacant lot, e	to \	Bare Soil / Corn		None		aabblaa ata	nes, boulders, e	0 - 3	
Descriptio	n of Location	•		etC.)	Vegetation		Suriace	e Stories (e.g.,	cobbles, sto	ries, boulders, e	tc.) Slope (%)	
2. Soil P	arent Materia	al:			1			D = 26 = = = = 1		011 011 00 50	TO Division	
					Landform	1		Position on I	Landscape (SU, SH, BS, FS,	•	
3. Distar	nces from:	Ope	n Water Body <u>></u>	<u>>100</u> feet	İ.	Drainag	e Way _	feet		Wetlan	ids <u>>100</u> feet	
			Property Line 5	58 feet	Dri	nking Wate	er Well <u>></u>	100 feet		Oth	er feet	
4. Unsu	itable Materia	als Present:	☐ Yes ⊠ No	If Yes:	☐ Disturbed Soil/	Fill Material		Weathered/	Fractured I	Rock 🗌 Be	drock	
5. Grour	ndwater Obse	erved: Yes	s 🛚 No		If yes:	Depth	to Weeping	in Hole		Depth to Sta	anding Water in Hole	
					Soil	Log						
Depth (in)	Soil Horizon	Soil Texture	Soil Matrix: Color-	ı	Redoximorphic Featu	res		Fragments Volume	Soil	Soil Consistence	Other	
	/Layer	(USDA	Moist (Munsell)	Depth	Color	Percent	Gravel	Cobbles & Stones	Structure	(Moist)		
0 - 15	Ар	FSL	10YR 3/2		Cnc: Dpl:	_	<2	<2	Gran.	Fr.		
15 - 40	Bw	FSL			Cnc:		<2	<2	Ma.	Fr.		

Dopan (iii)	/Layer	(USDA	Moist (Munsell)	Depth	Color	Percent	Gravel	Cobbles & Stones	Structure	(Moist)	Guiei
0 - 15	Ар	FSL	10YR 3/2		Cnc : Dpl:		<2	<2	Gran.	Fr.	
15 - 40	Bw	FSL		40"	Cnc:		<2	<2	Ma.	Fr.	
40 - 90	C1	C. Sand			Cnc :		<2	<2	S.G.	Loose	
90 - 98	C2	FSL			Cnc :		<2	<2	Ma.	Fr.	
					Cnc:						
					Dpl:						
					Cnc :						
					Dpl:						

Additional Notes:

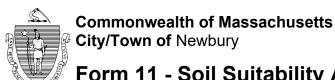
BOE @ 98"; No Refsual



Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-S	Site Revi	ew (minim	um of two hol	es requ	ired at every p	roposed p	rimary a	and reserv	e dispos	sal area)	
Deep	Observatior	n Hole Numb	er: <u>TP-12D</u> Hole #	12/1/2 Date		ime	<u>w</u>	/eather		Latitude	Longitude
1. Land l		icultural Field	cultural field, vacant l	Bare Soil / Cor vegetation			None		cobbles, stones, boulders, etc.)		0 - 3
Descri	ption of Loca	_	Lot 4		Vogetation		Guriaoc		oobbies, stor		
2. Soil Pa	arent Materia	al:			 Landforn	<u></u>		Position on	Landagana	(SU, SH, BS, FS,	TS Dlain)
3 Distan	ces from:	Oner	n Water Body	>100 feet			e Wav	feet	Lanuscape	•	ds <u>>100</u> feet
o. Diotain		·	_				-				
		ſ	Property Line 8	3 <u>5</u> feet	Dri	inking Wate	r Well <u>></u>	100 feet		Othe	er feet
4. Unsuita	ble Materials	Present:	Yes 🛛 No	If Yes: [Disturbed Soil/Fi	ll Material	□ V	Weathered/Fra	actured Ro	ck 🗌 Bedroo	k
5. Groun	dwater Obse	erved: Yes	S ⊠ No		If	yes:	_ Depth to	Weeping in Ho	le	Depth Stan	ding Water in Hole
		T			So	il Log					
Depth (in)	Soil Horizon	Soil Texture	Soil Matrix: Color-	-	Redoximorphic Feat	ures	Coarse Fragments % by Volume		Soil	Soil Consistence	Other
Dopui (iii)	/Layer	(USDA)	Moist (Munsell)	Depth	Color	Percent	Gravel	Cobbles & Stones	Structure	(Moist)	- Ctrioi
0 - 17	Ар	FSL	10YR 3/2		Cnc: Dpl:		<2	<2	Gran.	Fr.	
17 - 36	Bw	FSL		1 40"	Cnc: Dpl:		<2	<2	Ma.	Fr.	
36 - 80	C1	C. Sand			Cnc : Dpl:		<2	<2	S.G.	Loose	
80 - 116	C2	FSL			Cnc : Dpl:		<2	<2	Ма.	Fr.	
					Cnc : Dpl:						
					Cnc : Dpl:						
Additio	nal Notes:	<u> </u>	1	1	PP1.		1	<u> </u>	<u> </u>		

BOE @ 116; No Refusal; No Water



1.	Method Used (Choose one): Depth to soil redoximorphic features		Obs. Hole # <u>TP-11D</u> <u>40</u> inches	Obs. <u>40</u> in	Hole # <u>TP-12D</u> ches		
	☐ Depth to observed standing water in observa	tion hole	inches		_ inches		
	☐ Depth to adjusted seasonal high groundwater (USGS methodology)	- (S _h)	inches		_ inches		
	Index Well Number	Reading Date					
	$S_h = S_c - [S_r x (OW_c - OW_{max})/OW_r]$						
	Obs. Hole/Well# S _c	S _r	OW _c	OW _{max}	OW _r	S _h	
Ε.	. Depth of Pervious Material						
1.	Depth of Naturally Occurring Pervious Material						
	a. Does at least four feet of naturally occurring p	pervious material exis	st in all areas observed	throughout the	e area proposed for th	ne soil absorp	tion system?
	b. If yes, at what depth was it observed (exclude to	O, A, and E Horizons)?	Upper boundary:		Lower boun	dary:	90
	c. If no, at what depth was impervious material	observed?	Upper boundary:		Lower boun	dary:	inches
				inches			inches