

Owner

page.

information is

required for every

Commonwealth of Massachusetts

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

157 PARKERVILLE RD	SOUTHBOROUGH
Droporty Addrops	

Property Address

MATTHEW & LYNNE RICHER

Owner's Name

SOUTHBOROUGH

City/Town

 MA
 01772
 9/10/2024

 State
 Zip Code
 Date of Inspector

Date of Inspection

01752

Zip Code

Inspection results must be submitted on this form. Inspection forms may not be altered in any way. Please see completeness checklist at the end of the form.

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.





A	a. Inspector information
	Rebecca M. Lynde
	Name of Inspector
	Lakeside Sewerage Service Inc.
	Company Name
	780 N. Bigelow Street
	Company Address

Ma.

State

SI14451

License Number

B. Certification

Marlborough

508-485-1063

Telephone Number

City/Town

I certify that: I am a DEP approved system inspector in full compliance with Section 15.340 of Title 5 (310 CMR 15.000); I have personally inspected the sewage disposal system at the property address listed above; the information reported below is true, accurate and complete as of the time of my inspection; and the inspection was performed based on my training and experience in the proper function and maintenance of on-site sewage disposal systems. After conducting this inspection I have determined that the system:

١.	\boxtimes	Passes

2. Conditionally Passes

Needs Further Evaluation by the Local Approving Authority

4. 🔲 Fails

Robecca M. Synde

Inspector's Signature

9/15/2024

Date

The system inspector shall submit a copy of this inspection report to the Approving Authority (Board of Health or DEP) within 30 days of completing this inspection. If the system has a design flow of 10,000 gpd or greater, the inspector and the system owner shall submit the report to the appropriate regional office of the DEP. The original form should be sent to the system owner and copies sent to the buyer, if applicable, and the approving authority.

Please note: This report only describes conditions at the time of inspection and under the conditions of use at that time. This inspection does not address how the system will perform in the future under the same or different conditions of use.



Commonwealth of Massachusetts

	PARKERVILLE RD SOUTHBOROU	JGH							
	perty Address								
	TTHEW & LYNNE RICHER								
	ner's Name								
	UTHBOROUGH	<u>MA</u>	01772	9/10/2024					
	/Town	State	Zip Code	Date of Inspection					
C.	Inspection Summary Inspection Summary: Complete 1, 2	3 or 5 and all o	of 4 and 6						
41	•	, o, or o and an c	1 4 and 0.						
1)	System Passes:								
	☑ I have not found any information which indicates that any of the failure criteria described in 310 CMR 15.303 or in 310 CMR 15.304 exist. Any failure criteria not evaluated are indicated below.								
	Comments:								
	SYSTEM FUNCTIONING PROPERI	LY AT TIME OF	INSPECTION.						
2)	System Conditionally Passes:								
	One or more system components as described in the "Conditional Pass" section need to be replaced or repaired. The system, upon completion of the replacement or repair, as approved by the Board of Health, will pass.								
	Check the box for "yes", "no" or "not determined" (Y, N, ND) for the following statements. If "not determined," please explain.								
	The septic tank is metal and over 20 years old* or the septic tank (whether metal or not) is structurally unsound, exhibits substantial infiltration or exfiltration or tank failure is imminent. System will pass inspection if the existing tank is replaced with a complying septic tank as approved by the Board of Health.								
	* A metal septic tank will pass inspec Compliance indicating that the tank								
		(Explain below):							



Commonwealth of Massachusetts

Pro	perty	Address	/ILLE RD SOUTHBOROUGH						
Ow SC	ner's	Name HBORO		MA State	017 Zip (9/10/2024 Date of Inspection		
_			tion Summary (cont.)		· .		·		
2)	Sy	Pump	onditionally Passes (cont.): Chamber pumps/alarms not opes/alarms are repaired.	erational.	System	will pass	s with Board of Health approval if		
		to brok	vation of sewage backup or breaken or obstructed pipe(s) or duenspection if (with approval of Boats	to a brok	en, settle		level in the distribution box due even distribution box. System will		
			broken pipe(s) are replaced		□ Y	□N	☐ ND (Explain below):		
			obstruction is removed		□ Y	\square N	☐ ND (Explain below):		
			distribution box is leveled or re	placed	□ Y	□N	☐ ND (Explain below):		
			vstem required pumping more the will pass inspection if (with app				proken or obstructed pipe(s). The lth):		
			broken pipe(s) are replaced		□ Y	□ N	☐ ND (Explain below):		
			obstruction is removed		□ Y	□N	☐ ND (Explain below):		
3)	Fu	rther E	valuation is Required by the B	oard of I	Health:				
			ions exist which require further estem is failing to protect public h						
		a. System will pass unless Board of Health determines in accordance with 310 CMR 15.303(1)(b) that the system is not functioning in a manner which will protect public health safety and the environment:							



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Owner information is required for every page.

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157	7 PARKER'	VILLE RD	SOUTHBOROUGH			
Pro	perty Address					
MA	ATTHEW &	LYNNE R	ICHER			
Owi	ner's Name					
SO	UTHBORC	UGH		MA	01772	9/10/2024
City	/Town			State	Zip Code	Date of Inspection
C.	Inspec	tion Su	immary (cont.)			
		Cesspo	ol or privy is within 50	feet of a s	urface water	
		Cesspo	ol or privy is within 50	feet of a b	ordering vegeta	ated wetland or a salt marsh
	deter	mines tha				Vater Supplier, if any) protects the public health,
	100 fe	et of a sui	face water supply or t	ributary to	a surface wate	AS) and the SAS is within r supply. in a Zone 1 of a public water
	supply	/. ne system	·			in 50 feet of a private water
	more	ne system from a priv	ate water supply well'		he SAS is less	than 100 feet but 50 feet or
	Metho	d used to	determine distance:			
	coliform b	acteria ind than 5 ppr	icates absent and the n, provided that no oth	presence	of ammonia nit	P certified laboratory, for fecal rogen and nitrate nitrogen is equal pered. A copy of the analysis must
	-					
4)	System F	ailure Cri	teria Applicable to A	II Systems	::	
	You <u>must</u>	indicate	"Yes" or "No" to eac	ch of the fo	ollowing for <u>al</u>	<u>I</u> inspections:
	Yes	No				
		\boxtimes	Backup of sewage in clogged SAS or cess		or system comp	oonent due to overloaded or
		\boxtimes	Discharge or pondin due to an overloade			e of the ground or surface waters pool



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Title 5 Official Inspection Form Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

	7 PARKE		SOUTHBOROUGH					
	,	33 & LYNNE F	RICHER					
ıwC	ner's Name							
	UTHBOR /Town	OUGH		MA State	01772 Zip Code	9/10/2024 Date of Inspection		
		otion S	IIMMORV (cont.)	State	Zip Code	Date of Inspection		
J.	mspe	Cuon 3	ummary (cont.)					
1)	System	Failure Cr	iteria Applicable to	All Systems	: (cont.)			
	Yes	No						
		\boxtimes	Static liquid level ir or clogged SAS or		tion box above	outlet invert due to an overloaded		
		\boxtimes	Liquid depth in ces than ½ day flow	spool is less	than 6" below	invert or available volume is less		
		\boxtimes	Required pumping obstructed pipe(s).			st year <i>NOT</i> due to clogged or		
		\boxtimes	Any portion of the	SAS, cesspo	ool or privy is b	elow high ground water elevation.		
		\boxtimes	Any portion of cess tributary to a surface			feet of a surface water supply or		
		\boxtimes	Any portion of a cesspool or privy is within a Zone 1 of a public water supply well.					
		\boxtimes	Any portion of a ce	esspool or pr	vy is within 50	feet of a private water supply well		
			from a private wate system passes if laboratory, for fec of ammonia nitro	er supply we the well wa cal coliform gen and nite other failure	I with no accepter analysis, publicateria indicate nitrogen in criteria are ti	100 feet but greater than 50 feet betable water quality analysis. [This erformed at a DEP certified rates absent and the presence sequal to or less than 5 ppm, riggered. A copy of the analysis this form.]		
		\boxtimes	The system is a ce 10,000 gpd.	esspool servi	ng a facility wit	h a design flow of 2000 gpd-		
			criteria exist as des	scribed in 31 uld contact tl	0 CMR 15.303 ne Board of He	or more of the above failure , therefore the system fails. The alth to determine what will be		
5)	Large Systems: To be considered a large system the system must serve a facility with a design flow of 10,000 gpd to 15,000 gpd. For large systems, you must indicate either "yes" or "no" to each of the following, in addition to the questions in Section C.4.							
	Yes	No						
			the system is within	n 400 feet of	a surface drin	king water supply		
			the system is within	n 200 feet of	a tributary to a	a surface drinking water supply		
			the system is locat	ed in a nitro	gen sensitive a	rea (Interim Wellhead Protection		

Area - IWPA) or a mapped Zone II of a public water supply well



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Property Address						
MATTHEW & LYNNE RICHER						
Owner's Name						
SOUTHBOROUGH	MA	01772	9/10/2024			
City/Town	State	Zip Code	Date of Inspection			

C. Inspection Summary (cont.)

If you have answered "yes" to any question in Section C.5 the system is considered a significant threat, or answered "yes" to any question in Section C.4 above the large system has failed. The owner or operator of any large system considered a significant threat under Section C.5 or failed under Section C.4 shall upgrade the system in accordance with 310 CMR 15.304. The system owner should contact the appropriate regional office of the Department.

6. You must indicate "yes" or "no" for each of the following for all inspections:

Yes	No	
\boxtimes		Pumping information was provided by the owner, occupant, or Board of Health
	\boxtimes	Were any of the system components pumped out in the previous two weeks?
\boxtimes		Has the system received normal flows in the previous two week period?
	\boxtimes	Have large volumes of water been introduced to the system recently or as part of this inspection?
	\boxtimes	Were as built plans of the system obtained and examined? (If they were not available note as N/A)
\boxtimes		Was the facility or dwelling inspected for signs of sewage back up?
		Was the site inspected for signs of break out?
\boxtimes		Were all system components, excluding the SAS, located on site?
		Were the septic tank manholes uncovered, opened, and the interior of the tank inspected for the condition of the baffles or tees, material of construction, dimensions, depth of liquid, depth of sludge and depth of scum?
		Was the facility owner (and occupants if different from owner) provided with information on the proper maintenance of subsurface sewage disposal systems? The size and location of the Soil Absorption System (SAS) on the site has been determined based on:
\boxtimes		Existing information. For example, a plan at the Board of Health.
\boxtimes		Determined in the field (if any of the failure criteria related to Part C is at issue approximation of distance is unacceptable) [310 CMR 15.302(5)]



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157 PARKERVILLE RD SOUTHBOROUGH

Property Address					
MATTHEW & LYNNE RICHER					
Owner's Name					
SOUTHBOROUGH	MA	01772	9/10/2024		
City/Town	State	Zip Code	Date of Inspecti	on	
D. System Information					
1. Residential Flow Conditions:					
N. orleans (Laurence (Laurence)	1	N	L	4	
Number of bedrooms (design):	Irooms (actual):				
DESIGN flow based on 310 CMR 15.2	444 GP	D			
Description: 1500 GAL SEPTIC, #5 D-BOX W/ (3) 4	10' TDENICHE	-6			
1900 GAL SEPTIC, #3 D-BOX W/ (3) 2	+U IKENCHE	3			
				2	
Number of current residents:					
Doos residence have a garbage grinde	ur?			☐ Yes ⊠	No
Does residence have a garbage gillide	Does residence have a garbage grinder?				INO
Does residence have a water treatmen	Does residence have a water treatment unit?				
If yes, discharges to:					
Is laundry on a separate sewage syste	m? (Include la	aundry system i	nspection	☐ Yes ⊠	No
information in this report.)					NO
Laundry system inspected?				☐ Yes ⊠	No
Seasonal use?				☐ Yes ⊠	No
Water meter readings, if available (last	2 vears usas	io (and)):		62 GPD	
	z years usag	je (gpa)).			
Detail:	FO C/2/24 CO	00.05 60.00	_		
WATER METER READINGS 6/29/22	10 6/3/24 60	00 CF = 62 GP	J		
Sump pump?					No
T T T					
Last date of occupancy:				CURRENT Date	



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157 PARKERVILLE RD SOUTHBOROUGH

	perty Address							
	ATTHEW & LYNNE RICHER ner's Name							
	DUTHBOROUGH	MA	017	72	9/10/2024	4		
	//Town	State	Zip C	Code	Date of Insp	ection		
D.	. System Information (cont.)							
2.	Commercial/Industrial Flow Conditions:							
	Type of Establishment:			N/A				
	Design flow (based on 310 CMR 15.203):	Gallons per day (gpd)						
	Basis of design flow (seats/persons/sq.ft., et	c.):						
	Grease trap present?						Yes 🗌	No
	Water treatment unit present?						Yes 🗌	No
	If yes, discharges to:							
	Industrial waste holding tank present?						Yes 🗌	No
	Non-sanitary waste discharged to the Title 5	system?	•				Yes 🗌	No
	Water meter readings, if available:							
	Last date of occupancy/use:			Date				
	Other (describe below):							
3.	Pumping Records:							
	Source of information:	8/201	8, 7/20	13				
	Was system pumped as part of the inspection	on?			\triangleright	Yes	☐ No	
	If yes, volume pumped:	1500 gallons						
	How was quantity pumped determined?)/ TRUC	CK GAGE					
	Reason for pumping:	TO C	HECK	STRUC	TURE			



4.

5.

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Property Address			
MATTHEW & LYNNE RICHER			
Owner's Name			
SOUTHBOROUGH	MA	01772	9/10/2024
City/Town	State	Zip Code	Date of Inspection
D. System Information (cont.)			

/ TOWN	State Zip Co	Jue	Date of Inspection				
System I	nformation (cont.)						
Type of Syst	tem:						
	Septic tank, distribution box, soil absorption	system					
	Single cesspool						
	Overflow cesspool						
	Privy						
	Shared system (yes or no) (if yes, attach pre	vious ins	pection records, if any)				
	Innovative/Alternative technology. Attach a copy of the current operation and maintenance contract (to be obtained from system owner) and a copy of latest inspection of the I/A system by system operator under contract						
	Tight tank. Attach a copy of the DEP approva	Tight tank. Attach a copy of the DEP approval.					
	Other (describe):						
BOH APPRO	age of all components, date installed (if known) VAL STAMP OF DESIGN 3/22/1996	and sour					
	e odors detected when arriving at the site?		∐ Yes ⊠ No				
	wer (locate on site plan):	1'					
Depth below		feet					
Material of co							
cast iron							
Distance fron	n private water supply well or suction line:	feet					
,	Comments (on condition of joints, venting, evidence of leakage, etc.): NO PROBLEMS OBSERVED/ REPORTED						



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	PARKERVILLE RD SOUTHBOROUG	ÞΗ						
	ATTHEW & LYNNE RICHER							
	ner's Name	N.4.0	04770	0/40/000	.4			
	OUTHBOROUGH //Town	MA State	01772 Zip Code	9/10/202 Date of Ins				
_	System Information (cont.)							
6.	Septic Tank (locate on site plan):							
	Depth below grade:		.g fe					
	Material of construction:							
	⊠ concrete	☐ fibergla	ss 🗌 po	lyethylene	other (explain)			
	1500 GAL SEPTIC 8" B.G.							
	If tank is metal, list age:			ars				
	Is age confirmed by a Certificate of Compliance? (attach a copy of certificate) Yes No							
	Dimensions:		-	W60" X D48"	X L10' 1500 GAL			
	Sludge depth:		-	14"				
	Distance from top of sludge to bottom	of outlet tee or	e or baffle $\frac{20"}{}$					
	Scum thickness		3"					
	Distance from top of scum to top of ou	e -	6"					
	Distance from bottom of scum to botto		11"					
	How were dimensions determined?		ESTIMATED					
	Comments (on pumping recommendations, inlet and outlet tee or baffle condition, structural integrity liquid levels as related to outlet invert, evidence of leakage, etc.): TANK & BAFFLES GOOD. TANK HOLDING A PROPER LEVEL WITH NO EVIDENCE OF LEAKAGE. RECOMMEND PUMPING EVERY 1 TO 2 YEARS							



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	7 PARKERVILLE I	RD SOUTHBOROL	JGH						
	ATTHEW & LYNNE	ERICHER							
	ner's Name		N 4 A	04770	0/40/000	14			
	OUTHBOROUGH //Town		MA State	01772 Zip Code	9/10/202 Date of Ins				
		ormation (cont	:.)						
7.	. Grease Trap (locate on site plan):								
	Depth below grad		_	N/A eet					
	Material of const	ruction:							
	concrete	☐ metal	☐ fiberglas	ss 🗌 p	olyethylene	other (explain):			
	Dimensions:			-					
	Scum thickness			_					
	·	Distance from top of scum to top of outlet tee or baffle							
	Distance from bo	ottom of scum to bot	tom of outlet tee of	or baffle -					
	Date of last pumping:								
	Comments (on pumping recommendations, inlet and outlet tee or baffle condition, structural integrity, liquid levels as related to outlet invert, evidence of leakage, etc.):								
8.	Tight or Holding	ງ Tank (tank must b	e pumped at time) (locate on s	site plan):			
	-								
	Material of consti	ruction:							
	concrete	☐ metal	☐ fiberglas	ss 🗌 p	olyethylene	other (explain):			
	Dimensions:		-						
	Capacity:			gallons					
	Design Flow:		_	gallons per day					



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	perty Address								
	ATTHEW & LYNNE RICHER ner's Name								
	DUTHBOROUGH	MA	01772	9/10/	2024				
	City/Town State		Zip Code		9/10/2024 Date of Inspection				
D.	System Information (cont.)								
8.	Tight or Holding Tank (cont.)								
	Alarm present:		☐ Yes ☐] No					
	Alarm level:		Alarm in working	g order:	☐ Yes	☐ No			
	Date of last pumping:		Date						
	Comments (condition of alarm and float sv	witches, e	etc.):						
	* Attach copy of current pumping contract	(required). Is copy attach	ed?	☐ Yes	☐ No			
9.	Distribution Box (if present must be opened) (locate on site plan):								
	Depth of liquid level above outlet invert		0"						
	Comments (note if box is level and distribute vidence of leakage into or out of box, etc. #5 D-BOX 10" B.G. NO LEAKAGE W/ EQ	:.):		evidence	e of solids car	ryover, any			



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57 PARKER roperty Addres	RVILLE RD SOUTHBOROUGH s				
	LYNNE RICHER				
wner's Name OUTHBOR	OUGH	MA	01772	9/10/2024	
ity/Town	00011	State	Zip Code	Date of Inspe	ection
). Syster	m Information (cont.)				
0. Pump Cl	hamber (locate on site plan):				
Pumps in	working order:			☐ Yes	☐ No*
Alarms in	working order:			☐ Yes	☐ No*
Commen	ts (note condition of pump chan	nber, conditi	on of pumps ar	nd appurtenan	ces, etc.):
If SAS no	ot located, explain why:				
Type:					
	leaching pits		number:		
	leaching chambers		number:		
	leaching galleries		number:		
\boxtimes	leaching trenches		number,	length:	(3) 40' LONG
	leaching fields		number,	dimensions:	
	overflow cesspool		number:		
	innovative/alternative syst	tem			
	Type/name of technology	: —			



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157 PARKERVILLE RD SOUTHBOROUGH

Prop	perty Address			
	TTHEW & LYNNE RICHER			
Owr	ner's Name			
	UTHBOROUGH	MA	01772	9/10/2024
	/Town	State	Zip Code	Date of Inspection
	System Information (cont.) Soil Absorption System (SAS) (cont.) Comments (note condition of soil, signs	of hydraulic t	ailure level of	ponding damp soil condition of
	vegetation, etc.): NO SIGNS OF HYDRAULIC FAILURE,			
12.	Cesspools (cesspool must be pumped	as part of ins	pection) (locat	e on site plan): N/A
	Number and configuration			
	Depth – top of liquid to inlet invert			
	Depth of solids layer			
	Depth of scum layer			
	Dimensions of cesspool			
	Materials of construction			
	Indication of groundwater inflow			☐ Yes ☐ No
	Comments (note condition of soil, signs etc.):	of hydraulic f	ailure, level of	ponding, condition of vegetation,



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SOUTHBOROUGH	MA	01772	9/10/2024
City/Town	State	Zip Code	Date of Inspection
D. System Information (cont.)			
13. Privy (locate on site plan):			
Materials of construction:	N/A		
Dimensions			
Depth of solids			
Comments (note condition of soil, signs of etc.):	hydraulic	failure, level of	ponding, condition of vegetation,



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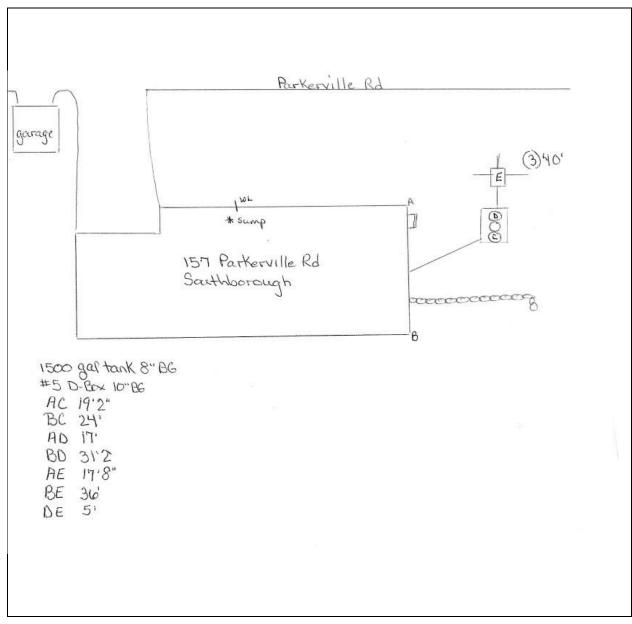
157 PARKERVILLE RD SOUTHBOROUGH

D. System Information (cont.)

14. Sketch Of Sewage Disposal System:

Provide a view of the sewage disposal system, including ties to at least two permanent reference landmarks or benchmarks. Locate all wells within 100 feet. Locate where public water supply enters the building. Check one of the boxes below:

⋈ hand-sketch in the area below⋈ drawing attached separately





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157 PARKE Property Addre	RVILLE RD SOUTHBOROUGH	<u> </u>		
	& LYNNE RICHER			
Owner's Name SOUTHBOF City/Town		MA State	01772 Zip Code	9/10/2024 Date of Inspection
D. Syste	em Information (cont.)			
15. Site Ex a	am:			
☐ Che	ck Slope			
☐ Surf	ace water			
⊠ Che	eck cellar			
☐ Sha	llow wells			
Estimate	ed depth to high ground water:		6.5' W	6" ADJUSTMENT FACTOR
Please i	ndicate all methods used to dete	ermine the hi	gh ground wate	er elevation:
\boxtimes	Obtained from system desig	n plans on r	ecord	
	If checked, date of design pl	an reviewed	: 3/22/96 Date	
	Observed site (abutting prop	oerty/observa	ation hole withi	n 150 feet of SAS)
	Checked with local Board of	Health - exp	olain:	
Ш	Checked with local excavato	ors, installers	s - (attach docu	mentation)
	Accessed USGS database -	explain:		
You mu	st describe how you established	the high arc	ound water elev	vation:
SOIL E\	/ALUATION ON 3/4/96 BY NOR			
FACTO	R.			

Before filing this Inspection Report, please see Report Completeness Checklist on next page.



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Property Address				
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Owner's Name				
SOUTHBOROUGH	MA	01772	9/10/2024	
City/Town	State	Zip Code	Date of Inspection	

E. Report Completeness Checklist

Complete all applicable sections of this form inclusive of:

- A. Inspector Information: Complete all fields in this section.
- ☑ B. Certification: Signed & Dated and 1, 2, 3, or 4 checked
- - 1, 2, 3, or 5 completed as appropriate
 - 4 (Failure Criteria) and 6 (Checklist) completed
- D. System Information:
 - For 8: Tight/Holding Tank Pumping contract attached
 - For 14: Sketch of Sewage Disposal System drawn on pg. 16 or attached
 - For 15: Explanation of estimated depth to high groundwater included