

### **MANCHESTER-BY-THE-SEA**

### **BOARD OF HEALTH**

TOWN HALL - 10 CENTRAL STREET

Manchester-by-the-Sea, Massachusetts 01944-1399 Telephone (978) 526-7385 FAX (978) 526-2009

March 5, 2024

Douglas and Martha Bulfinch 7 Hickory Hill Manchester-by-the-Sea, MA 01944

## NOTIFICATION TO OWNER ACTION REQUIRED

Upon receipt of the Title 5 Inspection Report for the onsite sewage disposal system at:

Property Address: 7 HICKORY HILL, MANCHESTER-BY-THE-SEA

Property Owner: BULFINCH, DOUGLAS L and MARTHA R

Licensed Title 5 Inspector: Benjamin Prescott, D.F. Clark, Inc. SI# 13851

The Title 5 Inspection Report dated: 02/06/2024

#### Further action is required:

The on-site septic system for this property was not designed to accommodate garbage grinders per 310 CMR 15.223(1)(c). You are required to provide a licensed plumber's receipt to confirm the removal of the garbage grinder(s).

Note: The septic tank was not pumped as part of the inspection. The report states that no distance between the top of sludge and bottom of filter requires pumping.

Reviewing Board of Health Agent:

Wendy Hansbury RS, Public Health Director

THIS INSPECTION reflects the <u>present</u> condition of the sanitary disposal system and is not any guarantee as to the life or future condition of said system. A passing Title 5 Inspection Report with pump receipts for three years within each calendar year may be used for sale of property. (Explanation: If there is a potential that your home will be sold within three years, you MUST have the septic tank pumped once a year, within a year of the date of the approved Title 5 Inspection Report for each of the three years. This allows the sale to occur with the use of the pumping reports and annual receipts abates the need for a "Title 5 System Inspection" for a property transfer within three years of the passing inspection, otherwise a passing Title 5 Inspection Report is only good for two years.)

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## D.F. CLARK, INC.

February 19, 2024

Douglas & Martha Bulfinch 7 Hickory Hill Road Manchester, MA 01944

RE: 7 Hickory Hill Road, Manchester

Dear Douglas & Martha:

Please find enclosed the Subsurface Sewage Disposal System Inspection Report for the above-referenced property. As noted on Part B (Certification) of the report, the system Passes the inspection criteria. The inspection is good for the next two (2) years; you may extend the life of the inspection to three (3) years by having the septic tank pumped annually (before anniversary date of inspection).

Thank you for allowing us to be of service to you on this project. Please contact us if you have any questions regarding this matter.

Sincerely,

D.F. Clask, Inc.

Benjamin "Jamie" Prescott

Title 5 Inspector

Enclosure

cc: Manchester Board of Health w/ review fee

D.F. Clark, Inc. file



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#### Commonwealth of Massachusetts

### Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

Owner
information is
required for every
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City/Town	State	Zip Code	Date of Inspection	
Manchester	MA	01944	February 6, 2024	
Owner's Name				
Douglas & Martha Bulfinch				
Property Address				
7 Hickory Hill Road				

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.





Inspector Information			
Benjamin "Jamie" Prescott			
D.F. Clark, Inc.			
Company Name			
22 Mitchell Road, PO Box 265			
Company Address			
Ipswich	MA	01938	
City/Town	State	Zip Code	
(978) 356-5638	SI13851		
Telephone Number	License Number		

#### **B.** Certification

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:

- 1. X Passes
- 2. Conditionally Passes
- Needs Further Evaluation by the Local Approving Authority
- 4. Tails

Inspector's Signature

Pate Cor

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.

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#### **Commonwealth of Massachusetts**

	ickory Hill R	oad				
	iglas & Mart	ha Bulfinch				
	er's Name					
	nchester			MA State	01944 Zip Code	February 6, 2024  Date of Inspection
_ <u> </u>	Town	· · · · · · · · · · · · · · · · · ·		State	Zip Code	Date of hispection
U.	Inspect	ion Sumr	nary			
	Inspection	Summary: Co	mplete 1, 2, 3, or	5 and all c	of 4 and 6.	
1)	System Pa	sses:				
	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	:				
	The system	n meets all the	e criteria for a pas	ssing Title (	5 Inspection as	described in 310 CMR 15.300.
	Cleaned ef	fluent filter in	the septic tank at	time of ins	pection. D.F.	Clark, Inc. recommends filter be
	cleaned on	a yearly bas	s to prevent filter	from clogg	ing and possib	ly backing sewerage into
	residence.					
2)	System Co	onditionally l	Passes:			
	replace	more system od or repaired ard of Health,	I. The system, up	described on complet	in the "Conditic tion of the repla	onal Pass" section need to be accement or repair, as approved by
		box for "yes", d," please exp		rmined" (Y	, N, ND) for the	following statements. If "not
	The septic tank is metal and over 20 years old* or the septic tank (whether metal or not) is structu 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.					e is imminent. System will pass
	* A metal s Compliand	septic tank wi e indicating t	ll pass inspection hat the tank is les	if it is structs than 20 y	cturally sound, years old is ava	not leaking and if a Certificate of ailable.
	□ Y	□N	☐ ND (Exp	lain below)	<b>)</b> :	
				######################################		

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### **Commonwealth of Massachusetts**

		ry Hill R Address	oad					
		s & Mart Name	ha Bulfinch				<u> </u>	
		ester		MA	0194	14	February 6,	2024
	/Towr			State	Zip C	ode	Date of Inspect	ion
C.	Ins	spect	ion Summary (cont.)					
2)	Sys	stem Co	nditionally Passes (cont.):					
			Chamber pumps/alarms not oper /alarms are repaired.	rational. S	System v	will pass	with Board of H	Health approval if
		to brok	ration of sewage backup or breal en or obstructed pipe(s) or due t spection if (with approval of Boa	o a broke	en, settle	c water led or une	level in the distr even distribution	ribution box due n box. System will
			broken pipe(s) are replaced		□ Y	□N	☐ ND (Expla	in below):
			obstruction is removed		□Y	□N	☐ ND (Expla	in below):
			distribution box is leveled or re	placed	□ Y	□N	☐ ND (Expla	in below):
		The sy systen	rstem required pumping more than will pass inspection if (with app	an 4 time roval of t	s a year he Boar	due to l d of Hea	oroken or obstruith):	ucted pipe(s). The
			broken pipe(s) are replaced		□ Y	□N	☐ ND (Expla	ain below):
			obstruction is removed		□ Y	□N	☐ ND (Expla	ain below):
				A A A A A A A A A A A A A A A A A A A				
3)	Fu	Condi the sy	valuation is Required by the B tions exist which require further stem is failing to protect public h	evaluatio ealth, sa	n by the fety or th	ne enviro	onment.	
		15.30	stem will pass unless Board o 3(1)(b) that the system is not f and the environment:	f Health unctioni	determi ng in a i	ines in a manner	accordance will which will pro	th 310 CMR tect public health,

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#### **Commonwealth of Massachusetts**

7 Hid	ckory Hill F	Road				
•	erty Address					
	glas & Mar	tha Bulfin	<u>ich</u>			
• • • • • • • • • • • • • • • • • • • •	er's Name Ichester Fown			MA State	01944 Zip Code	February 6, 2024  Date of Inspection
		tion Si	ımmary (cont.)			
U.	moheci		initially (cont.)			
		Cesspo	ol or privy is within 50	) feet of a si	urface water	
		Cesspo	ool or privy is within 50	) feet of a b	ordering veget	ated wetland or a salt marsh
	deterr	nines tha	fail unless the Boar at the system is func vironment:	rd of Health ctioning in	ı (and Public \ a manner that	Water Supplier, if any) protects the public health,
	100 fe ☐ Th	et of a su le system	rface water supply or	tributary to	a surface water	SAS) and the SAS is within er supply. nin a Zone 1 of a public water
	supply	ne system v well.	·		•	nin 50 feet of a private water s than 100 feet but 50 feet or
	more	from a pri	rnas a septic tank and vate water supply we o determine distance:		TIE OAO IS IESS	s that 100 leet but 30 leet of
	coliform b	acteria in than 5 pp	dicates absent and th m, provided that no o	e presence	of ammonia ni	EP certified laboratory, for fecal itrogen and nitrate nitrogen is equa gered. A copy of the analysis must
	c. Other:					
				<u></u>		
4)	System F	ailure C	riteria Applicable to	All System	s:	
	You mus	<u>t</u> indicat	e "Yes" or "No" to e	ach of the	following for	all inspections:
	Yes	No			_	
		$\boxtimes$	clogged SAS or co	esspool		nponent due to overloaded or
		$\boxtimes$	Discharge or pond due to an overload			ce of the ground or surface waters sspool



#### **Commonwealth of Massachusetts**

7 H	ickory Hill	Road	in our			
	erty Address		finah			
	uglas & Ma ner's Name	ırına bui	IIIICEI			
	nchester			MA	01944	February 6, 2024
	/Town			State	Zip Code	Date of Inspection
C.	Inspec	tion S	Summary (cont.)			
4)	System F	ailure C	riteria Applicable to	All Systems	s: (cont.)	
	Yes	No				
		$\boxtimes$	or clogged SAS or	cesspool		e outlet invert due to an overloaded
		$\boxtimes$	than ½ day flow	•		r invert or available volume is less
		$\boxtimes$	Required pumping obstructed pipe(s)			ast year <b>NOT</b> due to clogged or :
		$\boxtimes$	Any portion of the	SAS, cessp	ool or privy is b	elow high ground water elevation.
		$\boxtimes$	Any portion of ces tributary to a surfa			feet of a surface water supply or
		$\boxtimes$	Any portion of a cowell.	esspool or p	rivy is within a	Zone 1 of a public water supply
		$\boxtimes$	Any portion of a co	esspool or p	rivy is within 50	) feet of a private water supply wel
			from a private wat system passes if laboratory, for fe of ammonia nitro	ter supply we feet the well was called the coliforn been and nite other failures	ell with no acce ater analysis, n bacteria indi trate nitrogen re criteria are	n 100 feet but greater than 50 feet ptable water quality analysis. [This performed at a DEP certified cates absent and the presence is equal to or less than 5 ppm, triggered. A copy of the analysis this form.]
		$\boxtimes$	The system is a c	esspool serv	ring a facility w	ith a design flow of 2000 gpd-
			The system <u>fails</u> criteria exist as de	escribed in 3 ould contact	10 CMR 15.30 the Board of H	e or more of the above failure 3, therefore the system fails. The ealth to determine what will be
5)	design f	low of 1 system	<mark>0,000 gpd to 15,000 ເ</mark> s, you must indicate ei	gpd.		must serve a facility with a fithe following, in addition to the
	Yes	No				
			the system is with	nin 400 feet o	of a surface dri	nking water supply
			the system is with	nin 200 feet	of a tributary to	a surface drinking water supply
						area (Interim Wellhead Protection lic water supply well



#### **Commonwealth of Massachusetts**

### Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

7 Hickory Hill Road				
Property Address		one of the second		
Douglas & Martha Bulfinch				
Owner's Name				
Manchester	MA	01944	February 6, 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?
$\boxtimes$		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)]



#### **Commonwealth of Massachusetts**

	ckory Hill Road erty Address							
-	iglas & Martha Bulfinch							
wn	er's Name							
	nchester Town	<u>MA</u> State	01944 Zip Code	February 6, 2  Date of Inspection		1		
	System Information	State	Zip Code	Date of mapeon				
	Residential Flow Conditions:							
•		N/A				Five	(5)	
	Number of bedrooms (design):		Number of bed	drooms (actual):			· · · · · · · · · · · · · · · · · · ·	
	DESIGN flow based on 310 CMR 18	5.203 (for exam	ple: 110 gpd x #	of bedrooms):		N/A		
	Description: There is no design plan available.							
	Number of current residents:					Thre	e (3	)
	Number of current residents.							
	Does residence have a garbage gri	nder?			$\boxtimes$	Yes		No
	Does residence have a water treatm	nent unit?				Yes	$\boxtimes$	No
	If yes, discharges to:				J. L.			
	Is laundry on a separate sewage sy information in this report.)	stem? (Include	laundry system	inspection		Yes	$\boxtimes$	No
	Laundry system inspected?					Yes	$\boxtimes$	No
	Seasonal use?					Yes	$\boxtimes$	No
	Water meter readings, if available (	last 2 years usa	ge (gpd)):		154	4 gpd		
	Detail: November 15, 2021 - November 15			ed by 730 days =	154	gallo	ns p	er
	day							
	Sump pump?	440.42.45.45000	AMTONIO			Yes	$\boxtimes$	No
	Last date of occupancy:					rrentl cupie		



#### **Commonwealth of Massachusetts**

	lickory Hill Road  perty Address			
Do	uglas & Martha Bulfinch			
	ner's Name	4.6	01944	Echruary 6, 2024
		MA State	Zip Code	February 6, 2024  Date of Inspection
_	System Information (cont.)			
	( )			
2.	Commercial/Industrial Flow Conditions:			
	Type of Establishment:		<del></del>	
	Design flow (based on 310 CMR 15.203):		Gallons	per day (gpd)
	Basis of design flow (seats/persons/sq.ft., etc	a.):		
	Grease trap present?			☐ Yes ☐ No
	Water treatment unit present?			☐ Yes ☐ No
	If yes, discharges to:	<u></u>		,
	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:		ding to homed mber, 2023	owner, system was last pumped in
	Was system pumped as part of the inspection	n?		☐ Yes ⊠ No
	If yes, volume pumped:	gallons	;	
	How was quantity pumped determined?			
	Reason for pumping:			L 2011 Adequires

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#### **Commonwealth of Massachusetts**

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

Hickory Hill R	coad			
operty Address	the Dulfineh			
ouglas & Mar vner's Name	tna Builinch			
anchester		MA	01944	February 6, 2024
ty/Town		State	Zip Code	Date of Inspection
. System	Information (cont.)			
Type of Sy	ystem:			
	Septic tank, distribution	box, soil abs	sorption systen	n
	Single cesspool			
	Overflow cesspool			
	Privy			
	Shared system (yes or	no) (if yes, at	ttach previous	inspection records, if any)
, <b>□</b>		to be obtaine	d from system	f the current operation and owner) and a copy of latest oder contract
	Tight tank. Attach a cop	py of the DEF	approval.	
$\boxtimes$	Other (describe):			
	Septic tank, leaching p	it		
Per Board	ate age of all components, da of Health file, the septic tank elling, circa 1970.	·		source of information: 1997. The leaching pit is origina
Were sew	age odors detected when arr	iving at the si	ite?	☐ Yes ☒ No
Building \$	Sewer (locate on site plan):			
Depth belo	ow grade:			1.75 eet
Material o	f construction:			
⊠ cast iro	on	other (	(explain): –	
Distance f	rom private water supply wel	l or suction li		N/A eet
Comment	s (on condition of joints, vent	ing, evidence	of leakage, et	c.):

The building sewer pipe is in good condition with no evidence of leakage.

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#### **Commonwealth of Massachusetts**

lickory Hill Road perty Address	Ĺ				
uglas & Martha	Bulfinch				
ner's Name					
nchester	AAAA AAAA AAAA AAAAA AAAAA AAAAA AAAAA AAAA	<u>MA</u>	01944	February  Date of Ins	
/Town	£	State	Zip Code	Date of its	ресноп
System In	iformation (cont.)				
Septic Tank (I	locate on site plan):				
Depth below g	rade:		Ī	eet	
Material of cor	nstruction:				
☐ concrete	metal	fiberglas	s 🛛 p	olyethylene	other (explain)
					***************************************
If tank is metal	I list age:				
ii taint is mota	i, not ago.		,	years	
Is age confirm	ed by a Certificate of Co	ompliance? (atta	ch a copy o		Yes No
Dimensions:				12' L x 4.5' W	7х4 D
Sludge depth:				10"	
Distance from	top of sludge to bottom	of outlet tee or l	affle	0"	
Scum thicknes	ss			1"	
Distance from	top of scum to top of o	utlet tee or baffle		6"	
Distance from	bottom of scum to botto	om of outlet tee	or baffle	32"	
How were dim	nensions determined?			Tape measu	re & Sludge Judge
liquid levels as	n pumping recommenda s related to outlet invert nk is 12" below grade wi	, evidence of lea	kage, etc.):		
and outlet tee	s are in place. There is	a filter in the out	et which wa	as cleaned dur	ing the inspection.
There is no ev	vidence of leakage. Due	to the outlet filte	er being 38"	long, there is	no distance between
the top of the	sludge and the bottom	of the outlet tee	herefore pu	ımping is reco	mmended (as per
310 CMR 15.3	351).				



#### **Commonwealth of Massachusetts**

7 H	lickory Hill Road perty Address					
	uglas & Martha Bul	finch				
•	ner's Name		 NAA	04044	Cohmon	6 2024
	nchester /Town		MA State	01944 Zip Code	February  Date of Insp	
		rmation (cont.	.)		·	
7.	Grease Trap (loc	ate on site plan):				
	Depth below grad	e:		f	eet	
	Material of constr	uction:				
	concrete	☐ metal	☐ fiberglas	ss 🗌 p	olyethylene	other (explain):
	Dimensions:					
	Scum thickness			-		
	Distance from top	of scum to top of c	outlet tee or baffle	-		
	Distance from bo	ttom of scum to bot	tom of outlet tee	or baffle		
	Date of last pump	oing:		-	Date	
	Comments (on pu	umping recommend lated to outlet inver	lations, inlet and t, evidence of lea	outlet tee or b kage, etc.):	oaffle condition	n, structural integrity,
	ALL MINISTERS AND THE STATE OF					
8.		<b>, Tank</b> (tank must b	e pumped at time	e of inspection	n) (locate on s	site plan):
	Depth below grad					
	Material of const	ruction:				
	concrete	☐ metal	☐ fibergla	ss 🗆 🛊	polyethylene	other (explain):
	Dimensions:					
	Capacity:			gallons		
	Design Flow:			gallons per day		

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#### **Commonwealth of Massachusetts**

7 Hickory Hill Road					
Property Address					
Douglas & Martha Bulfinch					
Owner's Name	MA	01944	Eobri	ion/6 2024	
Manchester City/Town	State	Zip Code		uary 6, 2024 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 s	switches, e	tc.):			
·		•			
		····			<del></del>
•					
* Attach copy of current pumping contract	ct (required	). Is copy attach	ed?	☐ Yes	☐ No
9. Distribution Box (if present must be op	ened) (loca	ate on site plan):			
Depth of liquid level above outlet invert					
Comments (note if box is level and distri evidence of leakage into or out of box, e		utlets equal, any	evidenc	e of solids ca	ryover, any
	***************************************	-	<del></del>		
1.		*****			



#### **Commonwealth of Massachusetts**

7 Hickory Hill F Property Address	Road				
Douglas & Mar	tha Bulfinch			WATAAA AA	
Owner's Name			04044	<b>5</b> . 0	2224
Manchester Dity/Town		MA State	01944 Zip Code	February 6 Date of Inspe	
-	Information (cont.)				
0. Pump Cha	amber (locate on site plan):				
Pumps in v	working order:			☐ Yes	☐ No*
Alarms in	working order:			☐ Yes	☐ No*
Comments	s (note condition of pump chan	nber, conditi	on of pumps a	nd appurtenand	es, etc.):
If SAS not	t located, explain why:				
Туре:					0(1)
$\boxtimes$	leaching pits		number:		One (1)
	leaching chambers		number:		
	leaching galleries		number:		
	leaching trenches		number,	length:	And And And Control of the Control o
	leaching fields		number	dimensions:	
	overflow cesspool		number	:	A STATE PROPERTY AND ADDRESS OF THE
	innovative/alternative sys	stem			
	Type/name of technology	<b>/</b> : —			





### **Commonwealth of Massachusetts**

	ckory Hill Road			
•	erty Address			
	glas & Martha Bulfinch er's Name	<del></del>		
	chester	MA	01944	February 6, 2024
City/		State	Zip Code	Date of Inspection
D.	System Information (cont.	)		
11.	Soil Absorption System (SAS) (con	t.)		
	Comments (note condition of soil, sign vegetation, etc.):	ns of hydraulic	failure, level of	ponding, damp soil, condition of
	There is no ponding over or signs of t	nydraulic failure	within the soil	absorption system ("SAS"). The
	SAS consists of as single leaching pil	measuring 10'	in diameter wi	th an effective depth of 3.5'. The
	vegetation is consistent with the rest	of the property.	The pit was or	pened and examined. The pit has
	no standing liquid or signs of groundy	vater infiltration	, and flow was	observed from the inlet. The
	bottom of the SAS is 72" below grade	<b>).</b>		
	•		•	
12.	Cesspools (cesspool must be pumper	ed as part of ins	spection) (locat	te on site plan):
	Number and configuration			
	Depth – top of liquid to inlet invert			William Commission of the Comm
	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, sig etc.):	ns of hydraulic	failure, level o	f ponding, condition of vegetation,



#### **Commonwealth of Massachusetts**

7 Hickory Hill Road			
Property Address			
Douglas & Martha Bulfinch			
Owner's Name			
Manchester	MA	01944	February 6, 2024
City/Town	State	Zip Code	Date of Inspection
D. System Information (cont.)			
13. Privy (locate on site plan):			
Materials of construction:	<del></del>		
Dimensions			
Depth of solids			
Comments (note condition of soil, signs etc.):	of hydraulic	failure, level of	ponding, condition of vegetation,
		•	



#### **Commonwealth of Massachusetts**

### Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

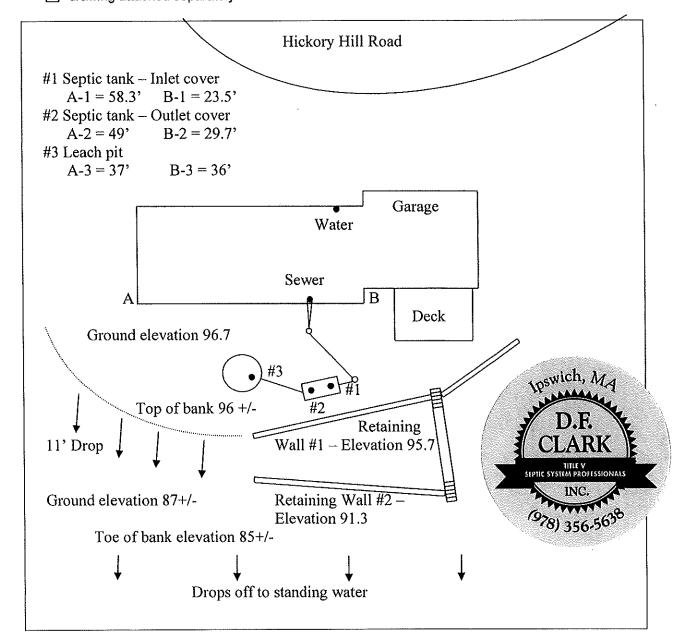
7 Hickory Hill Road				
Property Address				
Douglas & Martha Bulfinch				
Owner's Name				
Manchester	MA	01944	February 6, 2024	
City/Town	State	Zip Code	Date of Inspection	

### **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





#### **Commonwealth of Massachusetts**

### Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

7 Hickory Hill Road				
Property Address				
Douglas & Martha Bulfinch				
Owner's Name				
Manchester	MA	01944	February 6, 2024	
City/Town	State	Zip Code	Date of Inspection	

#### D

ner's Name Inchester		MA	01944	February 6, 2024
//Town		State Zip 6		Date of Inspection
System	Information (cont.)			
. Site Exam	,.			
		_		
	Slope – Steep slope down fro	m house.		
Surface     Surface	e water - None observed.			
⊠ Check	cellar – Dry with no sump pur	пр		
Shallo	w wells - None located.			
Estimated	depth to high ground water:		> 6 feet	
Please inc	licate all methods used to dete	rmine the h		er elevation:
	•			
$\boxtimes$	Obtained from system desig	n plans on i		4007
	If checked, date of design pl	an reviewed	d: Plans ir	om 1997 repair
$\boxtimes$	Observed site (abutting prop	erty/observ	ation hole with	in 150 feet of SAS)
	Checked with local Board of	Health - ex	plain:	
	Checked with local excavate	ors, installer	s - (attach doc	umentation)
$\boxtimes$	Accessed USGS database	- explain:		
	USDA Soil Survey of Essex groundwater > 6'.	County, Ma	assachusetts, S	outhern Part, Map 9. CrC has
You must	t describe how you established	I the high gr	ound water ele	vation:
There is r	no soil testing on the property.	The dwellin	g sits 13' above	e the lowest terrace. Assuming it
is elevation	on 100.00, the elevation of the	top terrace	where system i	s located is elevation 96.7. With ar
effective of	depth of 3.5' & a bottom depth	of 6', the bo	ttom of SAS is	3.7' +/- above the elevation of the
lowest ter	race @ 87 +/-, with standing w	vater even k	ower in elevation	on away from property. There is no
evidence	of interfacing between the SA	S & ground	vater. Furtherm	nore, the USDA Soil Survey of
Essex Co	ounty Massachusetts Southern	n Part identi	fies the soil as	Chatfield-Hollis-Rock (see above).

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



#### Commonwealth of Massachusetts

### Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

7 Hickory Hill Road				
Property Address				
Douglas & Martha Bulfinch				
Owner's Name				
Manchester	MA	01944	February 6, 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
- - 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

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### **Customer Transaction Summary**

#### **Customer Information**

Account No: 801609 DOUGLAS BULFINCH 7 HICKORY HILL ROAD MANCHESTER, MA 01944

#### **Location Information**

Location No: 0910200 7 HICKORY HILL ROAD MANCHESTER, MA 01944

Date	Type	More Info	Reading		Usage	Prior Balance	Transaction Amount	Balance
08/15/2017	Charge	07/12/2017	3068	l	2000	0.00	116.38	116.38
08/21/2017	Payment	CCC		•	2000	116.38	-116.38	0.00
11/15/2017	Charge	10/03/2017	3085	ı	1700	0.00	97.36	97.36
12/08/2017	Payment	CCC		-		97.36	-97.36	0.00
02/15/2018	Charge	01/10/2018	3110	1	2500	0.00	148.08	148.08
02/22/2018	Payment	CCC		•		148.08	-148.08	0.00
05/16/2018	Charge	04/10/2018	3130	1	2000	0.00	116.38	116.38
06/14/2018	Payment	CCC	3130	•	2000	116.38	-116.38	0.00
08/15/2018	Charge	07/03/2018	3153	1	2300	0.00	135.40	135,40
08/24/2018	Payment	CCC	3155	•	2000	135.40	-135.40	0.00
11/15/2018	Charge	10/02/2018	3172	1	1900	0.00	114.17	114.17
12/10/2018	Payment	CCC	3172	1	1700	114.17	-114.17	0.00
02/15/2019	Charge	01/08/2019	3200	1	2800	0.00	173.39	173.39
02/28/2019	Payment	CCC	3200	•	2000	173.39	-173.39	
05/15/2019	Charge	04/10/2019	3203	i	300	0.00		0.00
07/02/2019	Payment	UNIBANK	3203	•	300	17.67	17.67 -17.67	17.67
07/09/2019	Interest	O. VIDA II III				0.00	0.21	0.00
07/10/2019	Adjustment					0.00		0.21
08/15/2019	Charge	07/12/2019	3203	1	0	0.00	-0.21	0.00
11/15/2019	Charge	10/09/2019	3203	ı	0	0.00	0.00	0.00
02/15/2020	Charge	01/08/2020	3203	4	1000		0.00	0.00
03/12/2020	Payment	CCC	3213	4	1000	0.00	61.22	61.22
05/15/2020	Charge	04/06/2020	3231	4	1800	61.22	-61.22	0.00
06/09/2020	Payment	CCC -	3231	4	1800	0.00	111.66	111.66
08/17/2020	Charge	07/15/2020	3252	4	2100	111.66	-111.66	0.00
09/02/2020	Payment	CCC	3232	4	2100	0.00	132.15	132.15
11/16/2020	Charge	10/06/2020	3272	4	2000	132.15	-132.15	0.00
11/27/2020	Payment	CCC	3212	4	2000	0.00	127.47	127.47
02/16/2021	Charge	01/07/2021	3294	4	2200	127.47	-127.47	0.00
02/25/2021	Payment	CCC	3294	4	2200	0.00	141.37	141.37
05/17/2021	Charge	04/07/2021	2212		1000	141.37	-141.37	0.00
05/28/2021	Payment	CCC	3312	4	1800	0.00	113.57	113.57
08/16/2021	*	07/07/2021	2226		2222	113.57	-113.57	0.00
09/16/2021	Charge		3335	4	2300	0.00	148.32	148.32
11/15/2021	Payment	UNIBANK	2255		2000	148.32	-148.32	0.00
12/10/2021	Charge Payment	10/05/2021	3355	4	2000	0.00	130.33	130.33
02/15/2022	Charge	CCC	2244		2200	130.33	-130.33	0.00
03/01/2022	<del>-</del>	01/04/2022	3377	4	2200	0.00	144.55	144.55
05/16/2022	Payment	UNIBANK	2204		1000	144.55	-144.55	0.00
	Charge	04/05/2022	3395	4	1800	0.00	116.11	116.11
06/01/2022	Payment	CCC				116.11	-116.11	0.00
08/15/2022	Charge	07/14/2022	3418	4	2300	0.00	151.66	151.66
08/24/2022	Payment	UNIBANK	<b></b> .			151.66	-151.66	0.00
11/15/2022	Charge	10/06/2022	3438	4	2000	0.00	134.19	134.19
12/14/2022	Payment	CCC	****			134.19	-134.19	0.00
02/15/2023	Charge	01/05/2023	3460	4	2200	0.00	148.83	148.83
03/06/2023	Payment	CCC				148.83	-148.83	0.00
01/31/2024 12:	52:12 PM	F = First Bill	L = Fin	al Bill	U = Unclose	d Transaction	p	age 2

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**Customer Information** 

Account No: 801609 DOUGLAS BULFINCH 7 HICKORY HILL ROAD MANCHESTER, MA 01944

### **Customer Transaction Summary**

Location Information

Location No: 0910200 7 HICKORY HILL ROAD MANCHESTER, MA 01944

Date	Туре	More Info	Reading		Usage	Prior Balance	Transaction Amount	Balance
05/15/2023	Charge	04/05/2023	7	I	700	0.00	45.85	45.85
05/25/2023	Payment	CCC				45.85	-45.85	0.00
08/15/2023	Charge	07/06/2023	29	1	2200	0.00	148,83	148.83
08/24/2023	Payment	UNIBANK				148.83	-148.83	0.00
11/15/2023	Charge	10/04/2023	45	1	1600	0.00	108.13	108.13
12/05/2202	Payment	CCC				108.13	-108.13	0.00U