

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

January 14, 2025

Kathleen McHugh 11 Forest Lane Manchester-by-the-Sea, MA 01944

NOTIFICATION TO OWNER

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

Property Address:

11 FOREST LANE, MANCHESTER-BY-THE-SEA

Property Owner:

KOZA, JOHN and EWA

Licensed Title 5 Inspector: Jonathan James Granz SI# 13405

The Title 5 Inspection Report dated November 11, 2024, states the system PASSES.

NOTES: The septic tank was not pumped as part of the inspection.

The Board of Health DID NOT find the septic system, as it is now used, to constitute a danger to the public health and subsequently did not order its repair/replacement at this time.

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.)



Commonwealth of Massachusetts

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments



Owner information is required for every page.

MA	01944	11/11/24	
State	Zip Code	Date of Inspection	
			The state of the s

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. Inspector Information		
Jonathan J. Granz		
Name of Inspector		
Preventative Septic Services		
Company Name		
46 Beech Street		
Company Address		
South Hamilton	MA	01982
City/Town	State	Zip Code
978-468-9001	SI13405	
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:

- Passes
- Conditionally Passes
- Needs Further Evaluation by the Local Approving Authority

4. Tails

Inspector's Signature

11/15/24

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

	Forest Lane							
-	erty Address							
	hleen McHugh er's Name							
Ма	nchester by the Sea	MA	01944	11/11/24				
	Town	State	Zip Code	Date of Inspection				
C.	Inspection Summary							
	Increasion Commence Comments 4 .0. 3	\ _	.E. A					
	Inspection Summary: Complete 1, 2, 3	s, or 5 and all c	or 4 and 6.					
1)	System Passes:							
	I have not found any information w in 310 CMR 15.303 or in 310 CMF indicated below.							
	Comments:							
	System is working properly.							
T	he septic tank has a Orenco filter in the	outlet too it e	hould be clean	and at least once a year				
'	ne septic tank has a Orenco filter in the	; outlet tee, it s	nould be clean	ed at least office a year				
			######################################					
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," please explain.	etermined" (Y,	N, ND) for the	following statements. If "not				
	The septic tank is metal and over 20 y unsound, exhibits substantial infiltration inspection if the existing tank is replace.	n or exfiltration	n or tank failure	e is imminent. System will pass				
	* A metal septic tank will pass inspect Compliance indicating that the tank is							
	☐ Y ☐ N ☐ ND (E	Explain below):						



Commonwealth of Massachusetts

		st Lane						
•	•	n McHu	gh					
Ма	ier's N nche Towi	ester by	the Sea	MA State	0194 Zip C		11/11/24 Date of Inspection	
			on Summary (cont.)					
21	Ç.,,	etom Co	onditionally Passes (cont.):					
2)	oy: □		• • • • • • • • • • • • • • • • • • • •	onerational	Svetem	will nace	s with Board of Health approve	ıl if
	ب		/alarms are repaired.	орстанопа.	Oystom	wiii pasc	with board of reduit approve	(† 11
		to brok		lue to a brok	en, settle		level in the distribution box du even distribution box. System	
			broken pipe(s) are replaced	d	□ Y	□N	☐ ND (Explain below):	
			obstruction is removed		□ Y	□N	☐ ND (Explain below):	
			distribution box is leveled of	r replaced	ΠΥ	□N	☐ ND (Explain below):	
			stem required pumping more				proken or obstructed pipe(s).	The
			broken pipe(s) are replace	d	□ Y	□N	☐ ND (Explain below):	
			obstruction is removed		□ Y	Пи	☐ ND (Explain below):	

3)	Fu		aluation is Required by th					
	Ц		ions exist which require furth stem is failing to protect publ				f Health in order to determine nament.	if
		15.303	stem will pass unless Boar (1)(b) that the system is no				ccordance with 310 CMR which will protect public hea	alth,



Commonwealth of Massachusetts

11 Forest L					
Property Addre					
Kathleen M					
		•	844	01044	4444104
City/Town	r by the Se	<u>a</u>	MA State	01944 Zip Code	11/11/24 Date of Inspection
	-4' C		State	Zip Couc	Date of Inspection
C. Inspe	ection Su	mmary (cont.)			
	Cessp	oool or privy is within 5	0 feet of a su	ırface water	
	Cess	oool or privy is within 5	0 feet of a bo	ordering vegeta	ated wetland or a salt marsh
de	termines tl				Nater Supplier, if any) protects the public health,
	0 feet of a s	surface water supply of	r tributary to	a surface wate	
	pply.	•			in a Zone 1 of a public water in 50 feet of a private water
su	pply well.	·			than 100 feet but 50 feet or
mo	ore from a p	orivate water supply we to determine distance:	ell**.	.0 01 10 10 1000	
			<i></i>		
colifor to or le	n bacteria i	ndicates absent and the pm, provided that no c	e presence	of ammonia nit	P certified laboratory, for fecal crogen and nitrate nitrogen is equal pered. A copy of the analysis must
c. Oth	er:				
				<u>.</u>	

			NONCONTRACT ACCOUNTS A ACCOUNT A ACC		
4) Syster	m Failure C	Criteria Applicable to	All Systems	:	
You <u>m</u>	<u>ust</u> indica	te "Yes" or "No" to e	ach of the fo	ollowing for a	<u>II</u> inspections:
Ye	s No				
		clogged SAS or ce	esspool		ponent due to overloaded or
		Discharge or pond due to an overload			e of the ground or surface waters spool



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	Forest Lan	е				
_	erty Address thleen McH	luah				
	ner's Name	ugii				
	nchester by	y the Sea		MA	01944	11/11/24
	/Town			State	Zip Code	Date of Inspection
C.	Inspect	ion Sum	mary (cont.)			
4)	System F	ailure Crit	eria Applicable to A	II Systems	s: (cont.)	
	Yes	No				
		\boxtimes	or clogged SAS or c	esspool		outlet invert due to an overloaded
		\boxtimes	Liquid depth in cess than ½ day flow	pool is less	s than 6" below	invert or available volume is less
		\boxtimes	Required pumping n obstructed pipe(s). N			ast year <i>NOT</i> due to clogged or
		\boxtimes	Any portion of the Sa	AS, cesspo	ool or privy is b	elow high ground water elevation.
		\boxtimes	Any portion of cessp tributary to a surface			feet of a surface water supply or
		\boxtimes	Any portion of a cesswell.	spool or pr	ivy is within a 2	Zone 1 of a public water supply
		\boxtimes	Any portion of a ces	spool or pr	ivy is within 50	feet of a private water supply well
			from a private water system passes if the laboratory, for fecal of ammonia nitroge	supply we ne well wa Il coliform en and nit ther failure	II with no acce ter analysis, p bacteria indic rate nitrogen i e criteria are t	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, riggered. A copy of the analysis this form.]
		\boxtimes	The system is a ces	spool serv	ing a facility wi	th a design flow of 2000 gpd-
			The system fails. I criteria exist as desc	cribed in 31 d contact t	I0 CMR 15.303 he Board of He	e or more of the above failure 3, therefore the system fails. The ealth to determine what will be
5)	design flo For large	ow of 10,0	00 gpd to 15,000 gpd ou must indicate eithe	d.	•	nust serve a facility with a the following, in addition to the
	Yes	No				
			the system is within	400 feet o	f a surface drin	king water supply
			the system is within	200 feet o	f a tributary to	a surface drinking water supply
			the system is located Area – IWPA) or a n			area (Interim Wellhead Protection c water supply well



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Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

11 Forest Lane				
Property Address				
Kathleen McHugh				
Owner's Name	"'			
Manchester by the Sea	MA	01944	11/11/24	
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?
\boxtimes		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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	perty Address								
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	ner's Name								
	nchester by the Sea		MA	01944	11/11/24				
	/Town		State	Zip Code	Date of Inspec	ction			
D.	System Information								
	•								
1.	Residential Flow Conditions:								
		4					3		
	Number of bedrooms (design):			Number of be	drooms (actua	l):	<u> </u>		
							440		
	DESIGN flow based on 310 CMR 1	15.203 (fd	or exam	ple: 110 gpd x #	of bedrooms)	:			·
	Description: System is composed of a 1500 gal leaching field.	llon septio	c tank, p	oump chamber a	and a 16'x50' p	ressui	re dist	ribut	tion
								***************************************	~ =====
							1		
	Number of current residents:						-		
	Does residence have a garbage gr	rinder?					Yes	\boxtimes	No
	Does residence have a water treat	ment unit	t?				Yes	\boxtimes	No
	If yes, discharges to:	No.		**************************************		NIAMONO IIAMONO III	······································	***************************************	
	Is laundry on a separate sewage s information in this report.)	ystem? (I	Include	laundry system	inspection		Yes	\boxtimes	No
	Laundry system inspected?				N	/A 🗵	Yes		No
					•	'' <u> </u>		_	
	Seasonal use?						Yes	\boxtimes	No
	Water meter readings, if available	(last 2 ye	ars usa	ge (gpd)):		12	5.69 G	PD	
	Detail: Water meter readings were provide 7/14/22-7/10/24, 726 days (see att		Manch	ester water Dep	artment, usago	e was	avera	ged	from
			-						
	Sump pump?						Yes	\square	No
	Comp bamb:					<u></u>			140
	Last date of occupancy:						rrent		
						Date	e		



Commonwealth of Massachusetts

	Forest Lane								
-	perty Address								
	thleen McHugh ner's Name	***************************************							
		MA	01944	1	11/11/2	Λ			
		State	Zip Co		Date of Ins				
	System Information (cont.)								
	System Information (cont.)								
2.	Commercial/Industrial Flow Conditions:								
	Type of Establishment:			······································	······································	· · · · · · · · · · · · · · · · · · ·			
	Design flow (based on 310 CMR 15.203):		-	Gallons per	day (gpd)				
	Basis of design flow (seats/persons/sq.ft., etc	c.):	-						
	Grease trap present?						Yes		No
	Water treatment unit present?						Yes		No
	If yes, discharges to:	1.000000_AA.AA.A.A.A.A.A.A.A.A.A.A.A.A.A.			n				· · · · · · · · · · · · · · · · · · ·
	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):								
						······································	***************************************	100 A Thursday 100 A Thursday	erer Press Transcention
3.	Pumping Records:								
	Source of information:	No re	ecords o	n file.					
	Was system pumped as part of the inspectio	n?				☐ Yes	\boxtimes	No	
	If yes, volume pumped:	gallon	s						
	How was quantity pumped determined?			**************************************					
	Reason for pumping:	P10011P0000110000110	V 1114 - 1117 - 1117 - 1117 - 1117 - 1117 - 1117 - 1117 - 1117 - 1117 - 1117 - 1117 - 1117 - 1117 - 1117 - 11		·				



Commonwealth of Massachusetts

	Forest Lane								
	erty Address thleen McHugh								
	ner's Name								
	nchester by the				/11/24				
	Town System Inf	Ormation (cont.)	te Zip Coo	ie Da	te of Inspection				
D.	System in	of mation (cont.)							
4.	Type of Syste	em:							
		Septic tank, distribution box, so	oil absorption s	ystem					
		Single cesspool							
		Overflow cesspool							
		Privy							
		Shared system (yes or no) (if y	es, attach prev	ious inspec	tion records, if any)				
		Innovative/Alternative technolo maintenance contract (to be ob inspection of the I/A system by	tained from sy	stem owner) and a copy of latest				
		Tight tank. Attach a copy of the DEP approval.							
	\boxtimes	Other (describe):							
		Septic tank, pump chamber, soil absorption system.							
	Annrovimoto	aga af all compananta data instal							
		Approximate age of all components, date installed (if known) and source of information: The As-Built is dated 3/22/02, BOH records.							
	THE AS-DUIL	s dated 3/22/02, BOH records.							
	Were sewage	odors detected when arriving at t	the site?		☐ Yes ⊠ No				
5.	Building Sew	rer (locate on site plan):							
	Depth below of	grade:		18"					
	Material of co			feet					
	☐ cast iron	⊠ 40 PVC □ o	ther (explain):						
		private water supply well or sucti	n/a						
		Comments (on condition of joints, venting, evidence of leakage, etc.):							
	,	n condition of joints, venting, evid if shows no signs of any backup o	_	•					
	Dunung sewe	a shows no signs of any backup t	n icanaye ul a	ny problems	5.				
	•								



Commonwealth of Massachusetts

thleen McHugh her's Name nchester by the Sea MA 01944 11/11/24 Town State Zip Code Date of Inspection System Information (cont.) Septic Tank (locate on site plan): Depth below grade: Material of construction: Concrete metal fiberglass polyethylene other (exp	Forest Lane perty Address			MAIN ARRIVED TO THE STATE OF TH		
rer's Name nchester by the Sea	•					
System Information (cont.) Septic Tank (locate on site plan): Depth below grade: Material of construction: Concrete metal fiberglass polyethylene other (exp polyethylene other (exp polyethylene)	ner's Name	· · ·	.			
System Information (cont.) Septic Tank (locate on site plan): Depth below grade: Material of construction: Concrete metal fiberglass polyethylene other (experiment) of the polyethylene other (experiment) other (experiment) of the polyethylene other (experiment) other (e	inchester by the Sea		MA	01944	11/11/24	
Septic Tank (locate on site plan): Depth below grade: Material of construction: Concrete	//Town		State	Zip Code	Date of Insp	ection
Depth below grade: Material of construction: Concrete	. System Informa	tion (cont.)				
Material of construction: Concrete	Septic Tank (locate o	n site plan):				
If tank is metal, list age: Second	Depth below grade:				****	
If tank is metal, list age: Is age confirmed by a Certificate of Compliance? (attach a copy of certificate) Dimensions: Sludge depth: Distance from top of sludge to bottom of outlet tee or baffle Scum thickness Distance from top of scum to top of outlet tee or baffle Distance from bottom of scum to bottom of outlet tee or baffle Distance from bottom of scum to bottom of outlet tee or baffle Distance from bottom of scum to bottom of outlet tee or baffle How were dimensions determined? Comments (on pumping recommendations, inlet and outlet tee or baffle condition, structural intelliquid levels as related to outlet invert, evidence of leakage, etc.): The 1500 gallon double compartment septic tank is in good condition, liquid level at outlet invert, is structually sound, no signs of leakage in or out. Inlets, center and outlet all have PVC tees, all good condition. There are risers bringing the center and outlet covers to grade. There is a effluer filter present in the outlet tee (cleaned at time of inspection). This tank does not need to be pum	Material of construction	n:				
Is age confirmed by a Certificate of Compliance? (attach a copy of certificate) Dimensions: Sludge depth: Distance from top of sludge to bottom of outlet tee or baffle Scum thickness Distance from top of scum to top of outlet tee or baffle Distance from bottom of scum to bottom of outlet tee or baffle Distance from bottom of scum to bottom of outlet tee or baffle Distance from bottom of scum to bottom of outlet tee or baffle Comments (on pumping recommendations, inlet and outlet tee or baffle condition, structural integliquid levels as related to outlet invert, evidence of leakage, etc.): The 1500 gallon double compartment septic tank is in good condition, liquid level at outlet invert, is structually sound, no signs of leakage in or out. Inlets, center and outlet all have PVC tees, all good condition. There are risers bringing the center and outlet covers to grade. There is a effluer filter present in the outlet tee (cleaned at time of inspection). This tank does not need to be pum	⊠ concrete	☐ metal	☐ fibergla	ss 🗌	polyethylene	other (explain)
Is age confirmed by a Certificate of Compliance? (attach a copy of certificate) Dimensions: Sludge depth: Distance from top of sludge to bottom of outlet tee or baffle Scum thickness Distance from top of scum to top of outlet tee or baffle Distance from bottom of scum to bottom of outlet tee or baffle Distance from bottom of scum to bottom of outlet tee or baffle Distance from bottom of scum to bottom of outlet tee or baffle Comments (on pumping recommendations, inlet and outlet tee or baffle condition, structural integliquid levels as related to outlet invert, evidence of leakage, etc.): The 1500 gallon double compartment septic tank is in good condition, liquid level at outlet invert, is structually sound, no signs of leakage in or out. Inlets, center and outlet all have PVC tees, all good condition. There are risers bringing the center and outlet covers to grade. There is a effluer filter present in the outlet tee (cleaned at time of inspection). This tank does not need to be pum						
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Dimensions: Sludge depth: Distance from top of sludge to bottom of outlet tee or baffle Scum thickness Distance from top of scum to top of outlet tee or baffle Distance from bottom of scum to bottom of outlet tee or baffle Distance from bottom of scum to bottom of outlet tee or baffle How were dimensions determined? Comments (on pumping recommendations, inlet and outlet tee or baffle condition, structural intelliquid levels as related to outlet invert, evidence of leakage, etc.): The 1500 gallon double compartment septic tank is in good condition, liquid level at outlet invert, is structually sound, no signs of leakage in or out. Inlets, center and outlet all have PVC tees, all good condition. There are risers bringing the center and outlet covers to grade. There is a effluer filter present in the outlet tee (cleaned at time of inspection). This tank does not need to be pum	,				years	
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Sludge depth: Distance from top of sludge to bottom of outlet tee or baffle Scum thickness Distance from top of scum to top of outlet tee or baffle Distance from bottom of scum to bottom of outlet tee or baffle Distance from bottom of scum to bottom of outlet tee or baffle How were dimensions determined? Comments (on pumping recommendations, inlet and outlet tee or baffle condition, structural integliquid levels as related to outlet invert, evidence of leakage, etc.): The 1500 gallon double compartment septic tank is in good condition, liquid level at outlet invert, is structually sound, no signs of leakage in or out. Inlets, center and outlet all have PVC tees, all good condition. There are risers bringing the center and outlet covers to grade. There is a effluer filter present in the outlet tee (cleaned at time of inspection). This tank does not need to be pum	Dimensions:				10'L x 4'D x 5	'W
Distance from top of sludge to bottom of outlet tee or baffle Scum thickness Distance from top of scum to top of outlet tee or baffle Distance from bottom of scum to bottom of outlet tee or baffle Distance from bottom of scum to bottom of outlet tee or baffle How were dimensions determined? Comments (on pumping recommendations, inlet and outlet tee or baffle condition, structural intelliquid levels as related to outlet invert, evidence of leakage, etc.): The 1500 gallon double compartment septic tank is in good condition, liquid level at outlet invert, is structurally sound, no signs of leakage in or out. Inlets, center and outlet all have PVC tees, all good condition. There are risers bringing the center and outlet covers to grade. There is a effluer filter present in the outlet tee (cleaned at time of inspection). This tank does not need to be pum	Diffiensions.					
Distance from top of sludge to bottom of outlet tee or baffle Scum thickness Distance from top of scum to top of outlet tee or baffle Distance from bottom of scum to bottom of outlet tee or baffle How were dimensions determined? Comments (on pumping recommendations, inlet and outlet tee or baffle soldier outlet invert, evidence of leakage, etc.): The 1500 gallon double compartment septic tank is in good condition, liquid level at outlet invert, is structually sound, no signs of leakage in or out. Inlets, center and outlet all have PVC tees, all good condition. There are risers bringing the center and outlet covers to grade. There is a effluer filter present in the outlet tee (cleaned at time of inspection). This tank does not need to be pum	Sludge depth:				12" 1st, 5" 2nd	
Scum thickness Distance from top of scum to top of outlet tee or baffle Distance from bottom of scum to bottom of outlet tee or baffle Distance from bottom of scum to bottom of outlet tee or baffle How were dimensions determined? Comments (on pumping recommendations, inlet and outlet tee or baffle condition, structural integliquid levels as related to outlet invert, evidence of leakage, etc.): The 1500 gallon double compartment septic tank is in good condition, liquid level at outlet invert, is structually sound, no signs of leakage in or out. Inlets, center and outlet all have PVC tees, all good condition. There are risers bringing the center and outlet covers to grade. There is a effluer filter present in the outlet tee (cleaned at time of inspection). This tank does not need to be pum					29"	
Distance from top of scum to top of outlet tee or baffle Distance from bottom of scum to bottom of outlet tee or baffle How were dimensions determined? Comments (on pumping recommendations, inlet and outlet tee or baffle condition, structural intelliquid levels as related to outlet invert, evidence of leakage, etc.): The 1500 gallon double compartment septic tank is in good condition, liquid level at outlet invert, is structually sound, no signs of leakage in or out. Inlets, center and outlet all have PVC tees, all good condition. There are risers bringing the center and outlet covers to grade. There is a effluer filter present in the outlet tee (cleaned at time of inspection). This tank does not need to be pum	Distance from top of s	ludge to bottom o	of outlet tee or	baffl e		
Distance from bottom of scum to bottom of outlet tee or baffle How were dimensions determined? Comments (on pumping recommendations, inlet and outlet tee or baffle condition, structural intelliquid levels as related to outlet invert, evidence of leakage, etc.): The 1500 gallon double compartment septic tank is in good condition, liquid level at outlet invert, is structurally sound, no signs of leakage in or out. Inlets, center and outlet all have PVC tees, all good condition. There are risers bringing the center and outlet covers to grade. There is a effluer filter present in the outlet tee (cleaned at time of inspection). This tank does not need to be pum	Scum thickness				1/2" 1st, 0" 2nd	1
Distance from bottom of scum to bottom of outlet tee or baffle How were dimensions determined? Comments (on pumping recommendations, inlet and outlet tee or baffle condition, structural intelliquid levels as related to outlet invert, evidence of leakage, etc.): The 1500 gallon double compartment septic tank is in good condition, liquid level at outlet invert, is structually sound, no signs of leakage in or out. Inlets, center and outlet all have PVC tees, all good condition. There are risers bringing the center and outlet covers to grade. There is a effluer filter present in the outlet tee (cleaned at time of inspection). This tank does not need to be pum	Distance from top of s	scum to ton of out	let tee or haffl	a	6"	
How were dimensions determined? Comments (on pumping recommendations, inlet and outlet tee or baffle condition, structural integliquid levels as related to outlet invert, evidence of leakage, etc.): The 1500 gallon double compartment septic tank is in good condition, liquid level at outlet invert, is structually sound, no signs of leakage in or out. Inlets, center and outlet all have PVC tees, all good condition. There are risers bringing the center and outlet covers to grade. There is a effluent filter present in the outlet tee (cleaned at time of inspection). This tank does not need to be pumping the center and outlet tank does not need to be pumping the center and outlet tank does not need to be pumping the center and outlet tank does not need to be pumping the center and outlet tank does not need to be pumping the center and outlet tank does not need to be pumping the center and outlet tank does not need to be pumping the center and outlet tank does not need to be pumping the center and outlet tank does not need to be pumping the center and outlet tank does not need to be pumping the center and outlet tank does not need to be pumping the center and outlet tank does not need to be pumping the center and outlet tank does not need to be pumping the center and outlet tank does not need to be pumping the center and outlet tank does not need to be pumping the center and outlet tank does not need to be pumping the center and outlet tank does not need to be pumping tank and	Distance from top or a	icum to top or out	ict toe or bain	•	14"	
Comments (on pumping recommendations, inlet and outlet tee or baffle condition, structural integliquid levels as related to outlet invert, evidence of leakage, etc.): The 1500 gallon double compartment septic tank is in good condition, liquid level at outlet invert, is structually sound, no signs of leakage in or out. Inlets, center and outlet all have PVC tees, all good condition. There are risers bringing the center and outlet covers to grade. There is a effluer filter present in the outlet tee (cleaned at time of inspection). This tank does not need to be pum	Distance from bottom	of scum to bottor	n of outlet tee	or baffle		
liquid levels as related to outlet invert, evidence of leakage, etc.): The 1500 gallon double compartment septic tank is in good condition, liquid level at outlet invert, is structually sound, no signs of leakage in or out. Inlets, center and outlet all have PVC tees, all good condition. There are risers bringing the center and outlet covers to grade. There is a effluer filter present in the outlet tee (cleaned at time of inspection). This tank does not need to be pum	How were dimensions	determined?			Sludge Judge	e/tape measure
	liquid levels as related. The 1500 gallon doubles structually sound, rigood condition. There filter present in the outline.	d to outlet invert, on the compartment so to signs of leakag the are risers bringing	evidence of lesseptic tank is in e in or out. Inling the center a	akage, etc.) n good cond ets, center a and outlet co	: dition, liquid leve and outlet all ha overs to grade.	el at outlet invert, tan ve PVC tees, all in There is a effluent
		WWW.				



Commonwealth of Massachusetts

-	Forest Lane		- t-0.00							
	thleen McHugh									
Ow	ner's Name									
	inchester by the Si //Town	ea	MA State	01944 Zip Code	11/11/24 Date of Insp	ention				
	System Infor	mation (cont.)	State	z.ip Code	Date of hisp	cction				
7.	Grease Trap (loc									
•	Depth below grad									
	Material of const				feet					
	_		_							
	concrete	☐ metal	☐ fiberglas	s 🔲	polyethylene	other (explain):				
	Dimensions:									
	Scum thickness									
	Distance from top of scum to top of outlet tee or baffle									
	Distance from bottom of scum to bottom of outlet tee or baffle									
	Date of last pum	ping:			Date					
		umping recommend elated to outlet inver				n, structural integrity,				
	V		W 100 M 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			T T T T T T T T T T T T T T T T T T T				
8.	Tight or Holding	Tank (tank must b	e pumped at time	of inspectio	n) (locate on s	ite plan):				
	Depth below grad	•		,		· · · · · · · · · · · · · · · · · · ·				
	Material of const									
	concrete	☐ metal	☐ fiberglas	e 🗇	polyethylene	other (explain):				
		ij irrotti		·	Polyoniyione					
	Dimensions:		_	,	 					
	Capacity:		g	alions		Y TO THE TOTAL PROPERTY OF THE TOTAL PROPERT				
	Design Flow:			allons per day						



Commonwealth of Massachusetts

11	Forest Lane								
Proj	perty Address								
	thleen McHugh								
	ner's Name								
	inchester by the Sea	MA	01944	<u> 11/11</u>					
	//Town	State	Zip Code	Date of	Inspection				
D.	System Information (cont.)								
8.	Tight or Holding Tank (cont.)								
	Alarm present:		☐ Yes	☐ No					
	Alarm level:	AF MENULL	Alarm in wo	rking order:	☐ Yes	☐ No			
	Date of last pumping:		Date						
	Comments (condition of alarm and float	switches, e	etc.):						
		 							
	* Attach copy of current pumping contract	ct (required	l). Is copy att	ached?	☐ Yes	☐ No			
9.	Distribution Box (if present must be op	ened) (loca	ate on site pla	an):					
	Depth of liquid level above outlet invert								
	Comments (note if box is level and distribution to outlets equal, any evidence of solids carryover, any								
	evidence of leakage into or out of box, e	tc.):							
	The second contract of the second contra								



Commonwealth of Massachusetts

		- 1000			
hleen McH	ugh				
er's Name nchester by	the Sea	MA	01944	11/11/24	
Town	y ule Sea	State	Zip Code	Date of Inspec	tion
System	Information (cont.)				* * * * * * * * * * * * * * * * * * * *
Pump Ch	amber (locate on site plan):				
Pumps in	working order:			⊠ Yes	☐ No*
Alarms in	working order:			⊠ Yes	☐ No*
Comment	s (note condition of pump cha	mber, condit	ion of pumps a	nd appurtenand	ces, etc.):
	o, floats and alarm were all tes s 13" below grade, there is a				
. Soil Abso	or alarms are not in working prption System (SAS) (locate			•	
Soil Abso				•	
Soil Abso	orption System (SAS) (locate			•	
Soil Abso	orption System (SAS) (locate			•	
If SAS not	orption System (SAS) (located located located, explain why:		, excavation no	•	
Soil Abso	prption System (SAS) (located located, explain why:		number:	•	
Soil Abso	erption System (SAS) (located located, explain why: leaching pits leaching chambers		number:	t required):	
Soil Abso	leaching pits leaching galleries		number: number: number: number;	t required):	1@ 16'x50'
Type:	leaching pits leaching chambers leaching galleries leaching trenches		number: number: number: number;	t required):	1@ 16'x50'
Type:	leaching pits leaching chambers leaching galleries leaching trenches leaching fields	e on site plan	number: number: number: number, number,	t required):	1@ 16'x50'



Commonwealth of Massachusetts

11	Forest Lane			
-	erty Address			
	hleen McHugh			
	er's Name			
	nchester by the Sea	MA	01944	11/11/24
	Town	State	Zip Code	Date of Inspection
D.	System Information (cont.)			
11.	Soil Absorption System (SAS) (cont.)			
	Comments (note condition of soil, signs ovegetation, etc.):	of hydraulic	failure, level of	ponding, damp soil, condition of
	Soil over system is dry and consistant wi abnormal vegetation. The leaching field v properly.			
12.	Cesspools (cesspool must be pumped a	as part of ins	spection) (locat	te on site plan):
	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	failure, level of	f ponding, condition of vegetation,



Commonwealth of Massachusetts

11 Forest Lane			
Property Address			
Kathleen McHugh			
Owner's Name			
Manchester by the Sea	MA	01944	11/11/24
City/Town	State	Zip Code	Date of Inspection
D. System Information (cont.)			
13. Privy (locate on site plan):			
Materials of construction:			
Dimensions			
Depth of solids			
Comments (note condition of soil, si etc.):	gns of hydraulic	failure, level of	f ponding, condition of vegetation,
	* * * * * * * * * * * * * * * * * * * *		
		M-7 # 1 1 1 1000 100 1000 1000 1000 1000 1	



Commonwealth of Massachusetts

athleen McHugh wner's Name			
lanchester by the Sea	MA	01944	11/11/24
ity/Town	State	Zip Code	Date of Inspection
 System Information (cont.) Sketch Of Sewage Disposal Syst Provide a view of the sewage disposal landmarks or benchmarks. Locate at the building. Check one of the boxer 	e m: osal system, inclu all wells within 10	ding ties to at lo 0 feet. Locate v	east two permanent reference where public water supply ente
☐ 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

11 Forest				7114AAAA	
roperty Add Kathleen		nh			
Owner's Nar	-	}!!			
Manches	ter by t	he Sea	MA	01944	11/11/24
City/Town	tom I	nformation (cont)	State	Zip Code	Date of Inspection
D. Syst	tem n	nformation (cont.)			
5. Site I	Exam:				
⊠c	Check S	Slope			
⊠ s	Surface	water			
⊠ c	Check o	ellar			
⊠ s	Shallow	wells			
Estim	nated d	epth to high ground water:		35" feet	
Pleas	se indic	ate all methods used to determi	ine the h	gh ground wate	er elevation:
\boxtimes		Obtained from system design p	lans on r	ecord	
		If checked, date of design plan	reviewed	7/31/00 Date	10 and a decimal to
		Observed site (abutting propert	y/observ	ation hole withir	150 feet of SAS)
\boxtimes		Checked with local Board of He	ealth - ex	olain:	
		Design plan on file for design of	f this sys	tem.	
		Checked with local excavators,	installer	s - (attach docur	mentation)
		Accessed USGS database - ex	plain:		
You ı	must d	escribe how you established the	e high gr	ound water elev	ation:
found	d at 35"	was performed for the design of below grade. This system was ecords), this system is not interfa	designed	l/installed with a	by Alfred Rossi, the ESHWT was a 3' seperation from the ESHWT
			~~~~~		
<u></u>		THE CONTRACT OF THE PARTY SERVICE CONTRACT CONTR			, , , , , , , , , , , , , , , , , , ,
		WP-07-113 1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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



#### Commonwealth of Massachusetts

## Title 5 Official Inspection Form

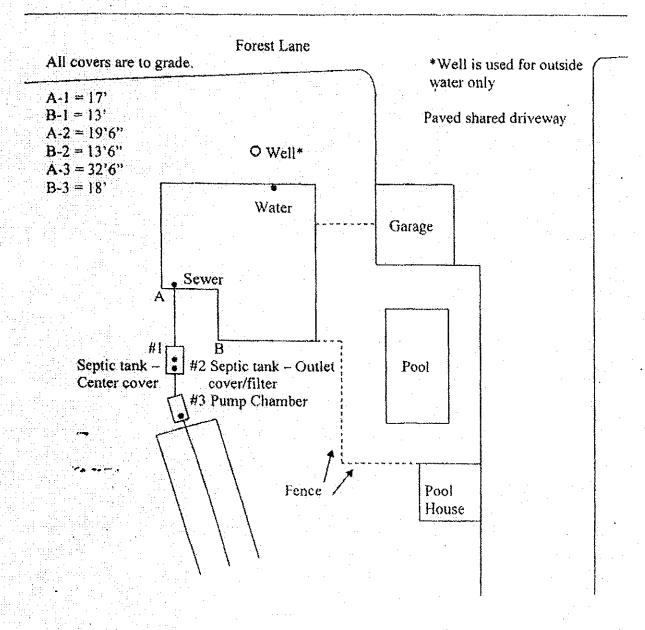
Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

11 Forest Lane				
Property Address				-
Kathleen McHugh				
Owner's Name				
Manchester by the Sea	MA	01944	11/11/24	
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





# **Customer Transaction Summary**

**Customer Information** 

Account No: 40759 JONATHAN KAIL 11 FOREST LANE MANCHESTER, MA 01944Location Information

Location No: 0916800 11 FOREST LANE

MANCHESTER, MA 01944

Date	Type	More Info	Reading	100			Transaction	
11/16/2020	Charge	10/06/2020			Usage	Prior Balance	Amount	Balance
12/04/2020	Payment	CCC	1419	1	2300	0.00	148.32	148.32
02/16/2021	Charge	01/07/2021	140.4			148.32	-148.32	0.00
03/04/2023	Payment	CHECK	1434	}	1500	0.00	93.96	93.96
05/17/2021	Charge	04/07/2021				93.96	-93.96	0.00
06/02/2021	Payment	CHECK	1447	1	1300	0,00	81.30	81.30
08/16/2021	Charge	07/07/2021				81.30	-82.00	-0.70
09/03/2021	Payment	CHECK	1462	j	1500	-0.70	93.96	93.26
11/15/2021	Charge	10/05/2021				93.26	-94.00	-0.74
02/15/2022	Charge	01/04/2022	1476	İ	1400	-0.74	89.59	88.85
02/22/2022	Payment	CHECK	1491	1	1500	88.85	96.06	184.91
05/16/2022	Charge	04/05/2022				184.91	-184.91	0.00
05/25/2022	Payment	CHECK	1505	1	1400	0.00	89.59	89.59
08/15/2022	Charge	07/14/2022	(1505)			89.59	-90.00	-0.41
09/13/2022	Payment	CHECK	( 1527 )	, 1	2200	-0.41	144.55	144.14
11/15/2022	Charge	10/06/2022	• • • • • • • • • • • • • • • • • • • •			144.14	-150.00	-5.86
12/09/2022	Payment	CHECK	1544	1	1700	-5.86	112.23	106.37
02/15/2023	Charge	01/05/2023	4			106.37	-135.00	-28.63
03/16/2023	Payment	CHECK	1556	1	1200	-28.63	78.93	50.30
05/15/2023	Charge	04/05/2023	1.7.00			50.30	-55.00	-4.70
06/14/2023	Payment	CHECK	1568	1	1200	-4.70	78.93	74.23
08/15/2023	Charge	07/06/2023	1.50.5	_		74.23	-75.00	-0.77
08/31/2023	Payment	CHECK	1591	1	2300	-0.77	156.15	155.38
11/15/2023	Charge	10/04/2023	1.00	_		155.38	-160.00	-4.62
02/15/2024	Charge	01/11/2024	1606	i .	1500	-4.62	101.31	96.69
02/20/2024	Payment	CHECK	1620	1	1400	96.69	94.49	191.18
04/01/2024	Payment	CHECK				191.18	-100.00	91.18
05/15/2024	Charge	04/03/2024				91.18	-100.00	-8.82
06/14/2024	Payment		1632	i	1200	-8.82	80.85	72.03
08/15/2024	Charge	CHECK				72.03	-100.00	-27.97
	omige	07/10/2024	1649	I	1700	-27.97	114.95	86.98

7/14/22-7/10/24 91,256 GAL. 726 DAYS, 125.69 GPD