

#### **Commonwealth of Massachusetts**

### Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

Owner
information is
required for every
page.

89 East Chop Drive			
Property Address			
Tim O'Connell			
Owner's Name			
Oak Bluffs	MA	02557	3/18/21
City/Town	State	Zip Code	Date of Inspection

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		
Aaron fontaine		
Name of Inspector		
Company Name		
Company Address		
City/Town	State	Zip Code
508-400-7373	14339	
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:

	Insp	ector's Signature Date
4.		Fails
3.		Needs Further Evaluation by the Local Approving Authority
2.		Conditionally Passes
1.	$\boxtimes$	Passes

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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	East Chop							
	perty Address							
	n O'Connel ner's Name	I						
	k Bluffs			MA	02557	3/18/21		
	/Town			State	Zip Code	Date of Inspection		
C.	Inspec	tion Sum	mary		·	·		
	Inspection	n Summary: C	complete 1, 2, 3, c	or 5 and all c	f 4 and 6.			
1)	System F	Passes:						
	in 310					failure criteria described eria not evaluated are		
	Comment	s:						
2)	System C	Conditionally	Passes:					
	replac		d. The system, up			nal Pass" section need to be cement or repair, as approved by		
	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* <b>or</b> 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.							
			II pass inspection hat the tank is les			ot leaking and if a Certificate of lable.		
	□ Y	$\boxtimes$ N	☐ ND (Exp	olain below):				



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	-	Address Connell										
Owi	ner's	Name			005							
	k Blu /Tow			MA State	025 Zip (			3/18/21 Date of Inspection				
C.	Ins	spec	tion Summary (cor	nt.)								
- 1				,								
2)	Sys	<ul> <li>System Conditionally Passes (cont.):</li> <li>Pump Chamber pumps/alarms not operational. System will pass with Board of Health approval if pumps/alarms are repaired.</li> </ul>										
		Observation of sewage backup or break out or high static water level in the distribution box due to broken or obstructed pipe(s) or due to a broken, settled or uneven distribution box. System will pass inspection if (with approval of Board of Health):										
			broken pipe(s) are replac	ed	□ Y		N 🗆	ND (Explain below):				
			obstruction is removed		□ Y		N 🗆	ND (Explain below):				
			distribution box is leveled	d or replaced	□ Y		N 🗆	ND (Explain below):				
			stem required pumping mon					en or obstructed pipe(s).	The			
			broken pipe(s) are replac	ed	□ Y	⊠ I	N 🗆	ND (Explain below):				
			obstruction is removed		□ Y		N 🗆	ND (Explain below):				
3)	Fur	rther E	valuation is Required by	the Board of I	Health:							
•		Condi	tions exist which require fu stem is failing to protect pu	rther evaluatior	n by the				e if			
		15.303	stem will pass unless Bo B(1)(b) that the system is and the environment:						ealth,			



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	perty Address n O'Connell					
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	k Bluffs			MA	02557	3/18/21
	/Town			State	Zip Code	Date of Inspection
_		tion Su	mmary (cont.)		·	,
		Cesspoo	ol or privy is within 50 f	eet of a su	rface water	
		Cesspoo	ol or privy is within 50 f	eet of a bo	rdering vegeta	ated wetland or a salt marsh
	deteri		t the system is functi			Vater Supplier, if any) protects the public health,
	100 fe  The supply  The supply	et of a sur ne system /. ne system	face water supply or tr has a septic tank and \$	ibutary to a	a surface wate ne SAS is withi	AS) and the SAS is within r supply. In a Zone 1 of a public water In 50 feet of a private water
	more	ne system from a priv	has a septic tank and \$ ate water supply well** determine distance:		e SAS is less	than 100 feet but 50 feet or
	coliform b	acteria ind than 5 ppn	icates absent and the particates absent and the partical that no other that no other areas are as the partical that the partical that are areas as the partical that the parti	oresence c	of ammonia niti	P certified laboratory, for fecal rogen and nitrate nitrogen is equal ered. A copy of the analysis must
4)	System F	ailure Crit	eria Applicable to All	Systems	:	
	You must	indicate	"Yes" or "No" to eacl	h of the fo	llowing for <u>al</u>	<u>I</u> inspections:
	Yes	No				
			clogged SAS or cess	pool		ponent due to overloaded or
			Discharge or ponding due to an overloaded			e of the ground or surface waters pool



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	East Chop					
	perty Address n O'Connel					
	ner's Name	<u>.                                      </u>				
	k Bluffs /Town			MA State	02557 Zip Code	3/18/21 Date of Inspection
		tion S	ummary (cont.)	Otato	<u> </u>	Bato of mopositors
-	шорос		(0011a)			
1)	System F	ailure C	riteria Applicable to A	All Systems	s: (cont.)	
	Yes	No				
			Static liquid level in or clogged SAS or o		tion box above	outlet invert due to an overloaded
		$\boxtimes$		•	than 6" below	invert or available volume is less
		$\boxtimes$	Required pumping obstructed pipe(s).			st year <b>NOT</b> due to clogged or
		$\boxtimes$	Any portion of the S	SAS, cesspo	ool or privy is be	elow high ground water elevation.
		$\boxtimes$	Any portion of cesspectributary to a surface			feet of a surface water supply or
		$\boxtimes$				Zone 1 of a public water supply
		$\boxtimes$	Any portion of a ces	sspool or pr	ivy is within 50	feet of a private water supply well
			from a private water system passes if the laboratory, for fection of ammonia nitrog	r supply we he well wa al coliform jen and nitiother failure	ll with no accepter analysis, posteria indicate nitrogen in criteria are ti	100 feet but greater than 50 feet betable water quality analysis. [This erformed at a DEP certified sates absent and the presence s equal to or less than 5 ppm, riggered. A copy of the analysis this form.]
		$\boxtimes$	The system is a ces	sspool servi	ng a facility wit	h a design flow of 2000 gpd-
			criteria exist as des	cribed in 31 Id contact t	0 CMR 15.303 he Board of He	or more of the above failure , therefore the system fails. The alth to determine what will be
5)	design flo	ow of 10, systems,	,000 gpd to 15,000 gp you must indicate either	d.	·	nust serve a facility with a
	Yes	No				
		$\boxtimes$	the system is within	400 feet of	a surface drin	king water supply
		$\boxtimes$	the system is within	200 feet of	a tributary to a	a surface drinking water supply
		$\boxtimes$	the system is locate Area – IWPA) or a r			rea (Interim Wellhead Protection water supply well



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### **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?
		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)]



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Property Address							
Tim O'Connell							
Owner's Name			- / - / - /				
Oak Bluffs City/Town	MA State	02557 Zip Code	3/18/21 Date of Inspecti	ion			
	State	Zip Code	Date of Inspecti	·OH			
D. System Information							
1. Residential Flow Conditions:							
Number of bedrooms (design): $\frac{7}{}$		Number of bed	drooms (actual):		7		
DESIGN flow based on 310 CMR 15.203	(for exam	ole: 110 apd x #	of bedrooms):		770		
Description:	` '	31	,				
Description.							
Number of current residents:					2+/-		
rames of surrent residence.							
Does residence have a garbage grinder?					Yes	$\boxtimes$	No
Does residence have a water treatment u	ınit?				Yes	$\boxtimes$	No
Maria Paul access							
If yes, discharges to:							
Is laundry on a separate sewage system information in this report.)	? (Include I	aundry system i	nspection		Yes	$\boxtimes$	No
Laundry system inspected?					Yes		No
Seasonal use?					Yes	$\boxtimes$	No
Water meter readings, if available (last 2	years usag	ge (gpd)):					
Detail:							
2 otali.							
-							
Sump pump?					Yes	$\square$	No
Camp pamp:							
Last date of occupancy:				Curi Date	rently e	OCC	



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	perty Address n O'Connell								
	ner's Name								
		MA State	02557 Zip Cod		3/18/21				
		State	ZIP CO	Je	Date of i	nspection			
υ.	System Information (cont.)								
2.	Commercial/Industrial Flow Conditions:								
	Type of Establishment:		-						
	Design flow (based on 310 CMR 15.203):		Ō	Gallons pe	r day (gpd)	)			
	Basis of design flow (seats/persons/sq.ft., etc	e.):	=						
	Grease trap present?						Yes	$\boxtimes$	No
	Water treatment unit present?						Yes	$\boxtimes$	No
	If yes, discharges to:								
	Industrial waste holding tank present?						Yes	$\boxtimes$	No
	Non-sanitary waste discharged to the Title 5 s	system?					Yes	$\boxtimes$	No
	Water meter readings, if available:		-						
	Last date of occupancy/use:		Ī	Date					
	Other (describe below):								
3.	Pumping Records:								
	Source of information:	-							
	Was system pumped as part of the inspection	ነ?				☐ Yes		No	
	If yes, volume pumped:	gallons							
	How was quantity pumped determined?								
	Reason for pumping:								



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Tin	n O'Connell						
Ow	ner's Name						
	k Bluffs		MA State	02557 Zip Code	3/18/21		
	/Town	- <b>f</b> ( )	State	Zip Code	Date of Inspection		
D.	System Ir	nformation (cont.)					
4.	Type of Syste	em:					
		Septic tank, distributio	n box, soil abs	orption systen	n		
		Single cesspool					
		Overflow cesspool					
		Privy					
		Shared system (yes or no) (if yes, attach previous inspection records, if any)					
			(to be obtained	d from system	f the current operation and owner) and a copy of latest oder contract		
		Tight tank. Attach a copy of the DEP approval.					
	$\boxtimes$	Other (describe):					
	two 1000 gal tanks and leaching field ,no distrubution box						
		age of all components, da					
	Were sewage odors detected when arriving		riving at the sit	e?	☐ Yes ☒ No		
5.	Building Sewer (locate on site plan):						
	Depth below g	grade:		fe	et		
	Material of co	nstruction:					
	cast iron	⊠ 40 PVC	other (	explain): -			
	Distance from	Distance from private water supply well or suction line:					
	Comments (or	n condition of joints, vent	ing, evidence	of leakage, etc	c.):		



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operty Address					
m O'Connell vner's Name					
ak Bluffs	MA	02557	3/18/21		
y/Town	State	Zip Code	Date of Ins	spection	
. System Information (cont.	)	•			
Septic Tank (locate on site plan):					
Depth below grade:		<u>2</u> 4	<b>1"+/-</b> et		
Material of construction:					
⊠ concrete ☐ metal	☐ fiberglas	s 🗌 po	lyethylene	other (explain)	
Added risers to bring into compliance					
If tank is metal, list age:		ye	ars		
Is age confirmed by a Certificate of Co	ompliance? (atta	ch a copy of	certificate)	☐ Yes ⊠ No	
Dimensions:		-			
Sludge depth:		-			
Distance from top of sludge to bottom	of outlet tee or b	oaffle S	34"		
Scum thickness		2	2"		
Distance from top of scum to top of outlet tee or baffle			8"		
Distance from bottom of scum to bottom	om of outlet tee o	or baffle	10"		
How were dimensions determined?		-			
Comments (on pumping recommendaliquid levels as related to outlet invertinated pvc T and gas baffels on inle	, evidence of leal	kage, etc.):			
_					



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	oerty Address n O'Connell					
Owr	ner's Name					
	k Bluffs /Town		MA State	02557 Zip Code	3/18/21 Date of Ins	pection
		ormation (cont		<u> </u>	24.0 00	position.
		oone	• /			
7.	Grease Trap (loc	cate on site plan):				
	Depth below grad	de:		f	eet	
	Material of constr	ruction:				
	concrete	☐ metal	☐ fiberglass	s	olyethylene	other (explain):
	Dimensions:			_		
	Scum thickness			_		
	Distance from tor	o of scum to top of c	outlet tee or baffle	=		
	•	•		. b offic		
	Distance from Do	ttom of scum to bot	tom of outlet tee o	г раше —		
	Date of last pump	oing:		Ī	Date	
		umping recommend elated to outlet inver			affle condition	n, structural integrity,
8.	Tight or Holding	<b>J Tank</b> (tank must b	e pumped at time	of inspection	) (locate on s	site plan):
	Depth below grad	de:		-		
	Material of constr	ruction:				
	concrete	☐ metal	☐ fiberglass	s 🗌 po	olyethylene	other (explain):
		<del>-</del>				
	Dimensions:		_			
	Capacity:		ga	ıllons		
	Design Flow:		ga	illons per day		



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9 E	ast Chop Drive					
rop	erty Address					
	O'Connell					
)wne	er's Name					
	Bluffs	MA	02557	3/18/		
	ōwn	State	Zip Code	Date o	of Inspection	
).	System Information	1 (cont.)				
	Tight or Holding Tank (cont	t.)				
	Alarm present:		☐ Yes ▷	No		
	Alarm level: —		Alarm in working	g order:	☐ Yes	⊠ No
	Date of last pumping:		Date			
	Comments (condition of alarr	m and float switches, e	etc.):			
	* Attach copy of current num	ning contract (requires	N Is conviottach	od2	☐ Yes	⊠ No
	* Attach copy of current pum	ping contract (required	і). Іѕ сору апасі	ieu ?	☐ 162	⊠ NO
	Distribution Box (if present	must be opened) (local	ate on site plan):			
	Depth of liquid level above or	utlet invert				
	Comments (note if box is level evidence of leakage into or o		utlets equal, any	evidence	e of solids car	ryover, any
	svidence of leakage into or o	out of box, etc.).				



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Tim O'Connell					
Owner's Name				- 4 4	
Oak Bluffs City/Town		MA State	02557 Zip Code	3/18/21 Date of Inspe	ection
	n Information (cont.)	<u> </u>		Date of more	
10. 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, conditi	on of pumps ar	nd appurtenan	ces, etc.):
11. Soil Abso	or alarms are not in working or or alarms.	-			
Type:					
	leaching pits		number:		
	leaching chambers		number:		
	leaching galleries		number:		
	leaching trenches		number,	length:	
$\boxtimes$	leaching fields		number,	dimensions:	
	overflow cesspool		number:		
	innovative/alternative sys	stem			
	Type/name of technology	y: —			



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<ul><li>D. System Information (cont.)</li><li>11. Soil Absorption System (SAS) (cont.)</li></ul>	)		
Comments (note condition of soil, signs vegetation, etc.):	s of hydraulic	failure, level of	ponding, damp soil, condition of
-			
12. <b>Cesspools</b> (cesspool must be pumped	l as part of ins	spection) (locate	e on site plan):
Number and configuration			
Depth – top of liquid to inlet invert			-
Depth of solids layer			
Depth of scum layer			
Dopur or dodni layor			
Dimensions of cesspool			
Materials of construction			
Indication of groundwater inflow			☐ Yes ☐ No
Comments (note condition of soil, signs etc.):	s of hydraulic	failure, level of	ponding, condition of vegetation,



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	Chop Drive			
Property Ac				
Tim O'Co	nnell			
Owner's Na	ime			
Oak Bluff	s	MA	02557	3/18/21
City/Town		State	Zip Code	Date of Inspection
D. Sys	stem Information (cont.)			
13. <b>Privy</b>	(locate on site plan):			
Mate	rials of construction:			
Dime	nsions			
Deptl	n of solids			
Comi etc.):	ments (note condition of soil, signs o	of hydraulic	failure, level of	ponding, condition of vegetation,



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Property Address			
Tim O'Connell			
Owner's Name	B 4 4	00557	0/40/04
Oak Bluffs	MA	02557	3/18/21
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<b>D. System Information</b> (cont.)			
AA Olatak Of Ossassa Bissassa Ossatsas			
14. Sketch Of Sewage Disposal System: Provide a view of the sewage disposal landmarks or benchmarks. Locate all w the building. Check one of the boxes be	system, includ rells within 100	ding ties to at le diet. Locate w	east two permanent reference where public water supply enters
<ul><li>☐ hand-sketch in the area below</li><li>☐ drawing attached separately</li></ul>			



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im O'Conn	ell				
)wner's Name )ak Bluffs		MA	02557	3/18/21	
City/Town		State	Zip Code	Date of Inspection	
D. Syste	em Information (cont.)				
5. Site Exa	am:				
	eck Slope				
⊠ Surf	face water				
☐ Che	eck cellar				
☐ Sha	llow wells				
Estimate	ed depth to high ground water:		feet		
Please i	indicate all methods used to de	termine the hi	gh ground wate	er elevation:	
	Obtained from system des	ign plans on re	ecord		
	If checked, date of design	plan reviewed	: Date		
	Observed site (abutting pro	operty/observa	ation hole withi	n 150 feet of SAS)	
	Checked with local Board	of Health - exp	olain:		
	Checked with local excava	ntors, installers	s - (attach docu	mentation)	
	Accessed USGS database	e - explain:			
	st describe how you established from BOH	ed the high gro	ound water elev	vation:	

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



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City/Town	State	Zip Code	Date of Inspection	

### **E. Report Completeness Checklist**

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A. Inspector Information: Complete all fields in this section.
B. Certification: Signed & Dated and 1, 2, 3, or 4 checked
C. Inspection Summary:
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