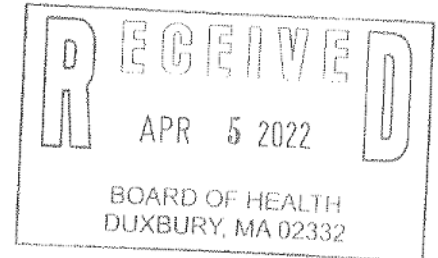


DUXBURY CONSTRUCTION LLC
P.O. BOX 2514 DUXBURY MASSACHUSETTS 781 934 0000

April 4, 2022

Duxbury Town Hall
Board of Health
878 Tremont Street
Duxbury, Ma 02332
Attn: Board Members



Re: Repair of Subsurface Sewage Disposal System
424 Summer Street
Assessors ref. #030-845-002

Dear Board Members,

Enclosed are copies of the repair plan for the disposal system at the above property. A list of the required local and state waivers is as follows:

TOWN OF DUXBURY SUPPLEMENTAL REGULATIONS

SECTION 1.11 (1)(B) GROUNDWATER SEPARATION

1. The proposed leaching field is to be constructed 5.01' above maximum ground water. Duxbury regulations require 6.0' where the perc rate is less than 2 min/inch.

LOCAL UPGRADE APPROVAL

310 CMR 15:405

(h) THE LOCAL APPROVING AUTHORITY MAY REDUCE THE REQUIRED... FIVE FOOT SEPARATION (IN SOILS WITH A RECORDED PERCOLATION RATE OF LESS THAN TWO MINUTES PER INCH) BETWEEN THE BOTTOM OF THE SOIL ABSORPTION SYSTEM AND THE HIGH GROUNDWATER ELEVATION ONLY IF ALL OF THE FOLLOWING CONDITIONS ARE MET:

2. A MINIMUM FOUR FOOT SEPARATION (IN SOILS WITH A RECORDED PERCOLATION RATE OF LESS THAN TWO MINUTES PER INCH) ... BETWEEN THE BOTTOM OF THE SOIL ABSORPTION SYSTEM AND THE HIGH GROUNDWATER ELEVATION IS MAINTAINED.

THE PROPOSED LEACHING FIELD IS TO BE CONSTRUCTED 4.00' ABOVE MAXIMUM GROUND WATER.

It is our professional opinion that these variances and the upgrade approval can be granted without compromising the level of environmental protection.

If you have any questions or comments, please call us at the above number.

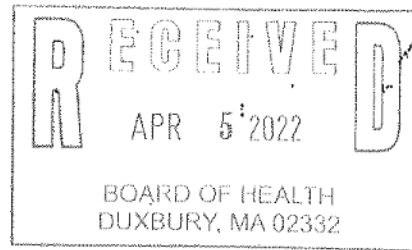
Sincerely,

A handwritten signature in black ink, appearing to read "Freeman Boynton, Jr.", written over a horizontal line.

Freeman Boynton, Jr.
Duxbury Construction LLC

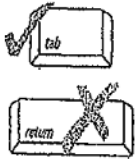


Commonwealth of Massachusetts
City/Town of
Percolation Test
Form 12



Percolation test results must be submitted with the Soil Suitability Assessment for On-site Sewage Disposal. DEP has provided this form for use by local Boards of Health. Other forms may be used, but the information must be substantially the same as that provided here. Before using this form, check with the local Board of Health to determine the form they use.

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



A. Site Information

Owner Name SCOTT WHEATON
 Street Address or Lot # 424 Summer St
 City/Town Duxbury State MA Zip Code 02532
 Contact Person (if different from Owner) Freeman Byrdon Jr Telephone Number 781-934-0000

B. Test Results

	Date	Time	Date	Time
Observation Hole #	<u>Jan/19/2022</u>	<u>1:00</u>		
	<u>#1</u>			
Depth of Perc		<u>30"</u>		
Start Pre-Soak		<u>1:44</u>		
End Pre-Soak		<u>1:48</u>		
Time at 12"				
Time at 9"				
Time at 6"		<u>Failure to Percolate</u>		
Time (9"-6")		<u>Yields 2MPI</u>		
Rate (Mln./Inch)		<u>2MPI</u>		

Test Passed: Test Failed:
 Test Passed: Test Failed:

Test Performed By: Freeman Byrdon III

Witnessed By: Tracy Mayo Town of Duxbury

Comments:



Commonwealth of Massachusetts
City/Town of
Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

Field Diagrams

Use this sheet for field diagrams:



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

C. On-Site Review (continued)

Deep Observation Hole Number: #1

Depth (in.)	Soil Horizon/ Layer	Soil Matrix: Color- Moist (Munsell)	Redoximorphic Features (mottles)			Soil Texture (USDA)	Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
			Depth	Color	Percent		Gravel	Cobbles & Stones			
0-8	A	10YR 3/2	-	DDNF	-	SDM SAND			Mossie	Frable	
8-21	B	10YR 5/4	-	DDNF	-	LOAMY SAND	DDNF	DDNF	Mossie	Frable	
21-86"	C	2.5Y 6/3		Inconclusive		Sand	/	/	Single grain	Loose	

Additional Notes:

Standing groundwater at 58" to be assessed by the Fringier method
9.84 1/19/22