



CAPE COD TEST BORING

memorandum

To: Wellfleet Board of Health members

From: Michelle Borghi

Re: Request for variance

CC:

Date: January 22, 2023

Collins Property

49 & 57 Tecumseh Road

Map 28 Parcels 166 & 165

Regulation: 504 Private water wells are to be located on the property served.

A variance is requested to locate a well on 49 Tecumseh Road to service the home on 57 Tecumseh Road. Both lots are owned by the same owner. The existing well servicing 57 Tecumseh Road did not have suitable water quality, in particular a tannins issue. Water results and well information attached.

ENVIROTECH LABORATORIES, INC.

MA CERT. NO.: M-MA 063

8 Jan Sebastian Drive Unit 12

Sandwich, MA 02563

(508)888-6460 1-800-339-6460

FAX (508)888-6446

Client Name : Desmond Well Drilling

Location :

Address : PO Box 2783

49 Tecumseh Rd

Orleans, MA

Wellfleet, MA

02653

Lab Number : DW-230172

Collected By : Desmond Well Drilling

Date Received : 01/13/23

Sample Type : New Well

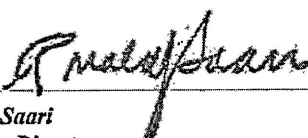
Well Specs :

Location Source	Date Collected	Time Collected	Comments			
A	01/12/23	13:45	Well			
Analysis Requested	Units	Recommended Limits	Analysis Result	Method	Date Analyzed	Analyzed By
Tannins	mg/L	N/A	0.32	SM5550B	01/19/2023	IP

Comments:

All samples were analyzed within the established guidelines of US EPA approved methods with all requirements met, unless otherwise noted at the end of a given sample's analytical results.

We certify that the following results are true and accurate to the best of our knowledge.

 Date 1/20/2023

Ronald J. Saari
Laboratory Director



Town of Wellfleet
THE COMMONWEALTH OF MASSACHUSETTS

Permit

Board of Health

..3265....

Well Permit

This is to Certify that

.....**Desmond Well Drilling, Inc. (Collins)**.....

.....**57 Tecumseh Rd (28/165)**.....

Is Hereby Granted A Permit For **Consumption Well**

.....
**This permit is granted in conformity with the Statues and ordinances relating therto, and
permit Expires** **11/23/23** **unless sooner suspended or revoked.**

Approved by the Health Department

..... **11/23/22**

..... *Hillary H. Greenberg*

Hillary Greenberg - Lemos
Health & Conservation Agent



Well Driller

Please specify work performed:

New Well

Please specify well type:

Domestic

Number Of Wells:

Well Location

In public right-of-way:

Yes No

Subdivision/Property/Description:

Property Owner:

RICHARD COLLINS

Engineering Firm:

Address at well location:

Street Number: Street Name:

49 ~~57~~ TECUMSEH RD

Building Lot#: Assessor's Map #:

28

Assessor's Lot#: ZIP Code:

165 02667

City/Town:

WELLFLEET

GPS

North: West:

41.91599 07.02425

Mailing Address:

click here if same as well location address

Street Number: Street Name:

57 TECUMSEH RD

City/Town: State:

WELLFLEET MASSACHUSETTS

ZIP Code:

02667

Board of health permit obtained:

Yes Not Required

Permit Number: Date Issued:

3265 11/23/2022



Well Driller - General Well Form

DRILLING METHOD

Overburden Bedrock

WELL LOG OVERBURDEN LITHOLOGY

From(ft)	To(ft)	Code	Color	Comment	Drop in drill stem	Extra fast or slow drill rate	Loss or addition of fluid
0	15	Fine To Coarse S	Brown		<input type="radio"/> YES <input type="radio"/> NO	<input type="radio"/> Fast <input type="radio"/> Slow	<input type="radio"/> Loss <input type="radio"/> Addition
15	20	Medium Sand	Brown		<input type="radio"/> YES <input type="radio"/> NO	<input type="radio"/> Fast <input type="radio"/> Slow	<input type="radio"/> Loss <input type="radio"/> Addition
20	25	Fine To Coarse S	Brown		<input type="radio"/> YES <input type="radio"/> NO	<input type="radio"/> Fast <input type="radio"/> Slow	<input type="radio"/> Loss <input type="radio"/> Addition

WELL LOG BEDROCK LITHOLOGY

From(ft)	To(ft)	Code	Comment	Drop in drill stem	Extra fast or slow drill rate	Loss or addition of fluid	Visible Rust Staining	Extra Large Chips
		Choose Code		<input type="radio"/> YES <input type="radio"/> NO	<input type="radio"/> Fast <input type="radio"/> Slow	<input type="radio"/> Loss <input type="radio"/> Addition	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes

ADDITIONAL WELL INFORMATION

Developed Yes No Disinfected Yes No

Total Well Depth 25 Depth to Bedrock

Surface Seal Type Fracture Enhancement Yes No

CASING

Is Casing above ground?

From: 1 To: 0

From	To	Type	Thickness	Diameter	Driveshoe
0	22	Polyvinyl Chloride	Schedule 40	4	<input type="checkbox"/> Yes

SCREEN No Screen

From	To	Type	Slot Size	Diameter
22	25	Stainless Steel Well Point	0.012	4

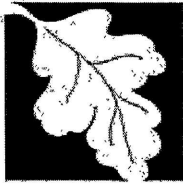
WATER-BEARING ZONES DRY WELL

From	To	Yield (gpm)
11	25	12

PERMANENT PUMP (IF AVAILABLE)

Pump Description Horsepower

Pump Intake Depth (ft) Nominal Pump Capacity (gpm)



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection – Well Driller Program
Well Completion Reports(General)

ANNULAR SEAL / FILTER PACK

From	To	Material 1	Weight	Material 2	Weight	Water (gal)	Batches (count)	Method Of Placement
		Choose Material <input type="text"/>		Choose Material <input type="text"/>				- Choose One - <input type="text"/>

WELL TEST DATA

Date	Method	Yield (gpm)	Time Pumped (HH:MM)	Pumping Level (ft BGS)	Time To Recover (HH:MM)	Recovery (ft BGS)
12/20/2022	Constant Rate Pump <input type="text"/>	12	1:30	11.5	0:01	11

WATER LEVEL

Date Measured	Static Depth BGS (ft)	Flowing Rate (gpm)
12/20/2022	11	12

COMMENTS

WELL DRILLERS STATEMENT

This well was drilled or altered under my direct supervision, according to the applicable rules and regulations, and this report is complete and accurate to the best of my knowledge.

WILLIAM				Supervising Driller	DESMOND,
DrillerURQUHART	Registration #	299	Monitoring [M]	Signature	THOMAS, E
DESMOND WELL				Date Job Complete	12/20/2022
Firm DRILLING, INC.	Rig Permit #	0551			

NOTE: Well Completion Reports must be filed by the registered well driller within 30 days of well completion.