

B 1 8904

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-95-0018

522472 please type

fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

JTS Corp Owner First Name
8800 Centre Park Dr. Suite 205 Street or RFD
Columbia MO 21045 Town State Zip

B 3 LOCATION OF WELL

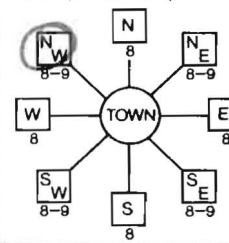
Howard COUNTY
Mus Grove Farm SUBDIVISION
SECTION 44 46 LOT 2 48 50
GLEVELIG NEAREST TOWN
MILES FROM TOWN (enter 0 if in town) 2 M I 73 76 77 78

DRILLER INFORMATION

Ralph E. Mayne MS D112 Driller's Name License No.
Ralph E. Mayne Inc Firm Name
17024 Handy rd Mt Airy MD 21071 Address
Ralph E Mayne Signature 5-14-05 Date

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Shamp rd. NEAR WHAT ROAD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
DISTANCE FROM ROAD 75 FT
ENTER FT OR MI 38 39
TAX MAP: 21 BLK: 12 PARCEL 12

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION
INDUSTRIAL, COMMERCIAL, DEWATERING
PUBLIC WATER SUPPLY WELL
TEST, OBSERVATION, MONITORING
GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME 13 COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 6/2/05 CO SIGNATURE EXP. DATE 6/2/06
NORTH GRID 524 000 EAST GRID 797 000
50 55 57 63

APPROXIMATE DEPTH OF WELL 150 FEET
APPROXIMATE DIAMETER OF WELL 6 1/4 INCH NEAREST

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTary DRIVE-POINT
other

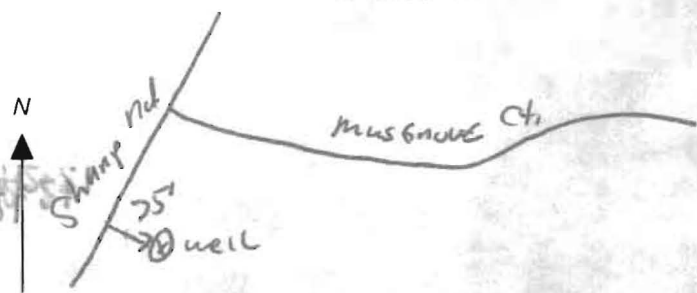
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE
E 525 797
N 800 524

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL
THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



Not to be filled in by driller (MDE OR COUNTY USE ONLY)
APPROX PERMIT NUMBER HO 2005 G
PERMIT No HO-95-0018

SPECIAL CONDITIONS

**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648**

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Fogleswell Drilling Telephone #: 443-609-4195
 Address: P.O. Box 202
Woodbine, Md 21797

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
 License # and name of individual responsible for the field installation:
 Name (Print): Allen Compton License# MSD 009

*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Peter Homza Telephone #: 717-252-0983
 Subdivision: Musgrove Farm Lot #: 2 Well Tag #: HO-95-0018
 Site Address: 14306 Musgrove Farmct
Glencroft, Md

Submersible Pump Data

Make: Grundfos
 Model #: 155000-180
 Pump Capacity 15 GPM
 Well Yield: 6 GPM

Pitless Adapter

Make: Camwell
 Model#: N/A
 Depth: 36" (36" min)
 NSF approved: YES

Well Cap and Electric Conduit

Two piece watertight cap: YES
 Screened, vented well cap: YES
 Cap secured to casing: YES
 Conduit min 18" B.G.: YES
 Conduit secured to well cap: YES

Depth of well encountered at time of pump installation: 330 (feet)

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Torque arrestors or Cable guards are required - Must circle one

Safety rope, if used, attached to inside of well casing with eye bolt NA

Piping to house

Type: 1" Grey PVC
 PSI: 160 (160 psi min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: YES
 Approximate length of sleeve (5 foot minimum): 5'

Depth of supply line: 42" (36" min)

Sleeve caulked and sealed properly: YES

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation:

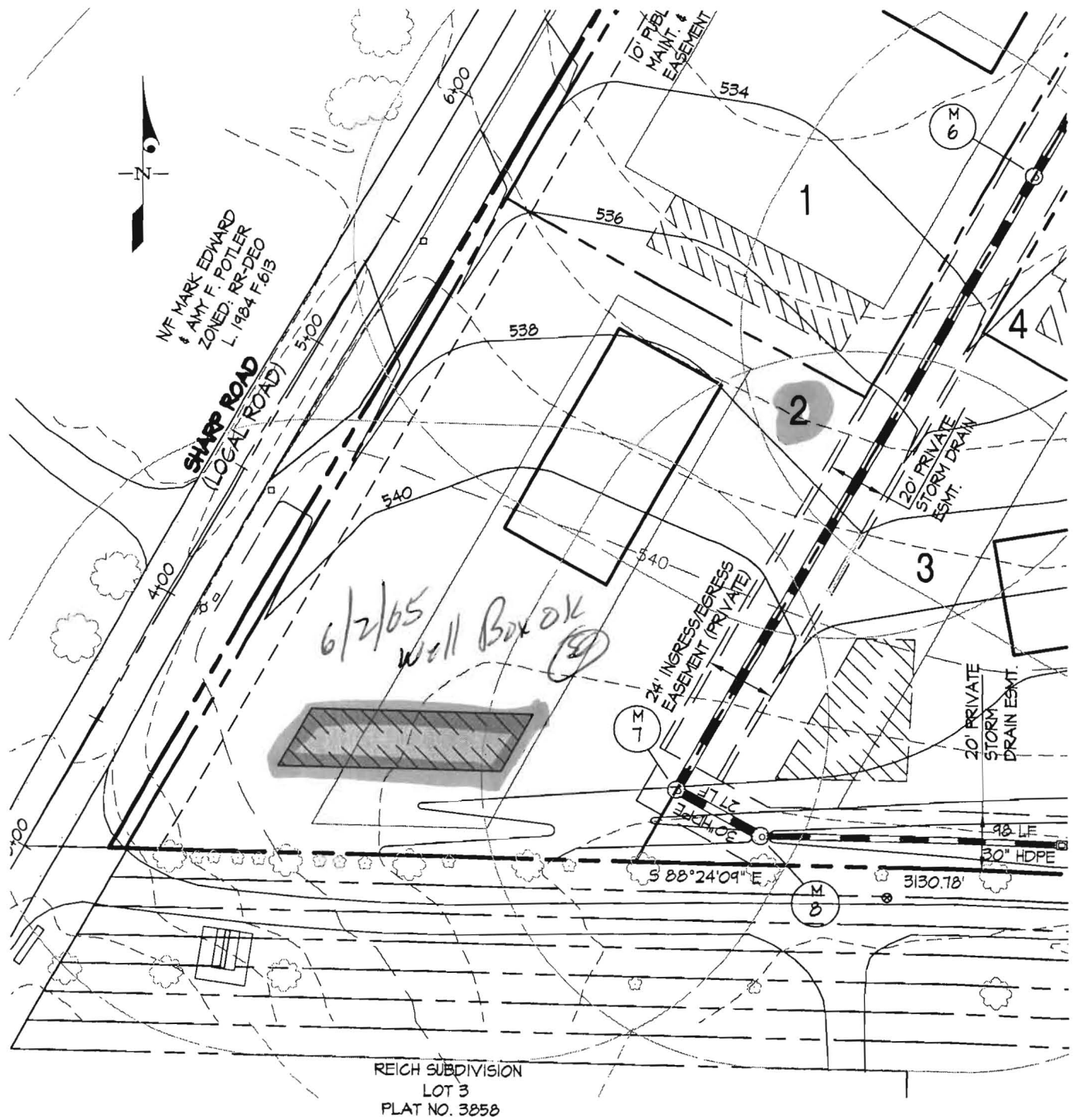
Signature of company representative responsible for installation: Allen Compton

date: 6/14/10

For Health Department Use Only - Not to be completed by Installer

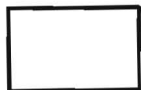
Date Insp. Requested: _____ Date Insp. Approved: 6/18/2010 **AB**

- Inspection Data: Pitless adapter and water supply line at least 36" below grade
- Two piece cap installed and attached to casing securely
- Elec. conduit extends at least 18" below grade/attached to cap properly
- Safety rope installed inside of well casing
- Correct well tag attached properly and casing 8" above finished grade
- Water supply line sleeved adequately at house connection
- Adequate gravel observed below pitless adapter



REICH SUBDIVISION
LOT 3
PLAT NO. 3858

LEGEND



CONCEPTUAL HOUSE BOX

4022
W-02



WELL SURVEY POINT

WELL BOX

WELL LOCATION EXHIBIT - LOT 2

MUSGROVE FARM

Lots 1 thru 30, Buildable Preservation Parcels 'A'
and Non-Buildable Preservation Parcels 'C' and 'D'

GLW GUTSCHICK LITTLE & WEBER, P.A.

CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
BURTONSVILLE, MARYLAND 20866
TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

SCALE: 1"=50'

ZONING: RC/RR-DEO

TAX MAP/GRID: 22-12,22-1&7

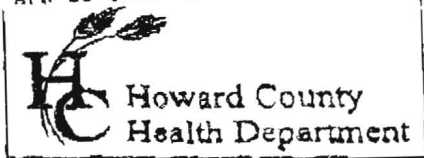
GLW JOB NO: 01171

APR., 2005

1 OF 1

APR-26-2005 17:04

J. THOMAS SCRIVENER



3525 H Ellicott Mills Drive • Ellicott City, MD 21043
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2923 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

ATTENTION WELL DRILLERS!!!

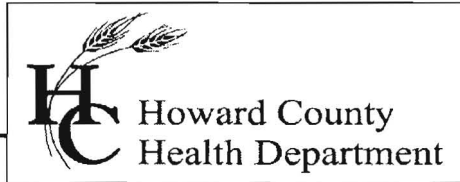
Muscogee Farm

When submitting a well application for a new or replacement well, please indicate one of the following:

- The well site has been staked by Gutachick Little & Weber PA on 05/05/05 and is ready for site inspection.
- _____ will call the Health Department for a time to meet in the field to verify a well location.
- Site plan for new well is attached to well permit application.

Please attach this sheet when submitting your green application. This should help improve communication allowing a more timely service for our citizens.

KN



Bureau of Environmental Health
7178 Gateway Drive Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
Website: www.hchealth.org

Peter Beilenson, M.D., M.P.H., Health Officer

July 28, 2010

Homeowner
14306 Musgrove Farm Court
Glenelg, MD 21738

RE: Musgrove Farm, Lot 2
14306 Musgrove Farm Court
BP #: B10001115
Well Tag: HO-95-0018

Dear Sir:

This is to advise you that the septic system for the above referenced property has been installed and inspected. **Final approval of the septic system was granted on 07/26/2010. Final approval of the well line connection to the dwelling was approved on 06/18/2010.**

The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. The water sample results were found to be in compliance with COMAR water quality standards.

Enclosed with this certificate, is a copy of the septic permit and the as-built along with important information regarding the use and maintenance of your septic system. Please read through carefully and thoroughly. Any questions regarding your well and/or septic, please call this office for guidance 410-313-1771.

INTERIM CERTIFICATE OF POTABILITY

This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit #HO-95-0018. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigation and evaluation, the Howard County Health Department as authorized by the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.

This certificate may become final upon completion of the second bacteriological test, which is to be taken by the county health department within six months of receipt of this letter. **Please contact (410) 313-1773 to schedule a final water sample appointment. Currently, there is no charge for this final sampling.**

Date of Water Samples: 07/23/2010
Date of Well Completion: 04/28/2006

Approving Authority,



Brian Baker, R. S.
Well & Septic Program

cc: Building Inspector's Office
Community Hygiene Program
File

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd., Westminster, MD (410)848-1014 (410)876-4554 FAX (410)848-0298

REPORT OF ANALYSIS

Laboratory ID #: 76169	Account #: 1930
Reference: Ryan Homes Lot 2	Company: Fogle's Well Drilling
Location: 14306 Musgrove Farm Court Glenelg, MD 21737	Requested By: Dave Fogle
Date/ Time Collected: 7/23/2010 1050	Source: Well Water
Date/Time Rec'd: 7/23/2010 1342	Site: 1st Floor Bathroom
Chlorine ppm: Free: ND Total: ND	Treatment: None
Collected By: J.Yeager 6176JY	pH: 5.7
	Well #: HO-95-0018

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	7/24/2010 / 0830 / BCD
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	7/24/2010 / 0830 / BCD
Nitrate	5.13	mg/L	10	601	7/23/2010 / 1500 / CCH
Turbidity	0.88	NTU	<10	SM18 2130B	7/23/2010 / 1435 / KME
Sand	NS	mg/L	5	Visual/Gravimetric	7/23/2010 / 1435 / KME

NOTES

- 1 mg/L = milligrams per liter (also, parts per million)
- 2 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 3 NS = None Seen (NS indicates less than 5 mg/L)
- 4 NTU = Nephelometric Turbidity Units
- 5 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 6 ND:None Detected
- 7 Visual well check: Sealed, vented cap
- 8 pH and Chlorine level tested on site

Reason for Test : Use & Occupancy
 Building Permit # : B10001115

Date Reported: 7/26/2010