

B 1 8919
1 2 3 6

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
522472 please type

STATE PERMIT NUMBER
HD-95-0051
70 fill in this form completely 79

Date Received (APA)
8 MM DD YY 13
OWNER INFORMATION
J.T.S. CORP
15 Last Name Owner First Name 34
8800 Centre Park Dr, Suite 205
36 Street or RFD 55
Columbia MD 21045
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
8 COUNTY Howard 21
23 SUBDIVISION Musgrove Farm 42
SECTION 44 46 LOT 17 48 50
GLENELG
52 NEAREST TOWN 71
MILES FROM TOWN (enter 0 if in town) 2 M I
73 76 77 78

DRILLER INFORMATION
Ralph E. Mayne MS D 112
Driller's Name 76 License No. 81
Ralph E. Mayne Inc
Firm Name
17024 Handy rd Mt Airy MD. 21221
Address
Ralph E. Mayne S-14-05
Signature Date

B 4
1 2
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
Musgrove Farm Ct
11 NEAR WHAT ROAD 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH
WEST EAST
SOUTH
34 350 37
DISTANCE FROM ROAD 4
ENTER FT OR MI 38 39
TAX MAP: 21 BLK: 12 PARCEL 12

B 2 WELL INFORMATION
1 2 APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
 F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
22 I INDUSTRIAL, COMMERCIAL, DEWATERING
 P PUBLIC WATER SUPPLY WELL
 T TEST, OBSERVATION, MONITORING
 G GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard 13
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 6/17/05 State Dr 6/17/06 41
43 MM DD YY 48 CO SIGNATURE EXP. DATE
NORTH GRID 524 000 EAST GRID 799 000
50 55 57 63

APPROXIMATE DEPTH OF WELL 150 24 28 FEET

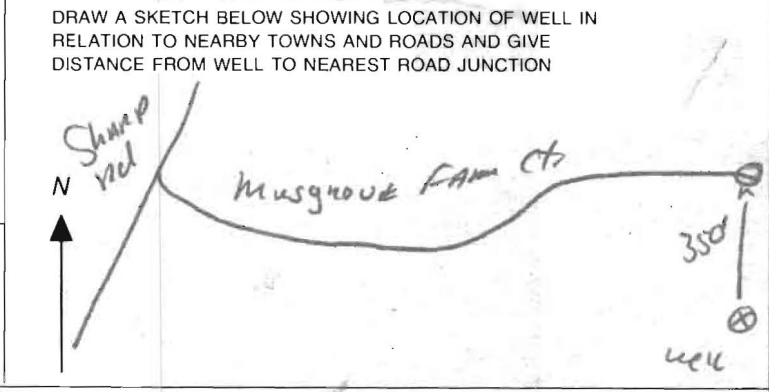
APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
30 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)
37 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 528 799
N 800 524
000 000

REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)
 N THIS WELL WILL NOT REPLACE AN EXISTING WELL
 Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
39 S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 D THIS WELL WILL DEEPEIN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
APPROP. PERMIT NUMBER HD 2005 G 002
PERMIT No. HD-95-0051
70 71 72 73 74 75 76 77 78 79



SPECIAL CONDITIONS
NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.

**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: Home Land Pump Water Telephone #: 443-846-8659
Address: 235 Bayley Circle
Horner, PA 17331

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:
Name (Print): Michael Dodd License # PS0161

*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: Lyan Jones Telephone #: 410-945-1323
Subdivision: 714366 Musgrave Farm rd Lot #: 17 Well Tag #: HO-95-0051
Site Address: Grandy road
Musgrave Farm

Submersible Pump Data	Pitless Adapter	Well Cap and Electric Conduit
Make: <u>Carondelet</u>	Make: <u>Campbell</u>	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: <u>1550 J01180</u>	Model #: <u>PARCO</u>	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity: <u>15</u> GPM	Depth: <u>40'</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: <u>10</u> GPM	NSF approved: <input type="checkbox"/>	Conduit min 18" B.G.: <input checked="" type="checkbox"/>
Depth of well encountered at time of pump installation: <u>160</u> (feet)		Conduit secured to well cap: <input checked="" type="checkbox"/>

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

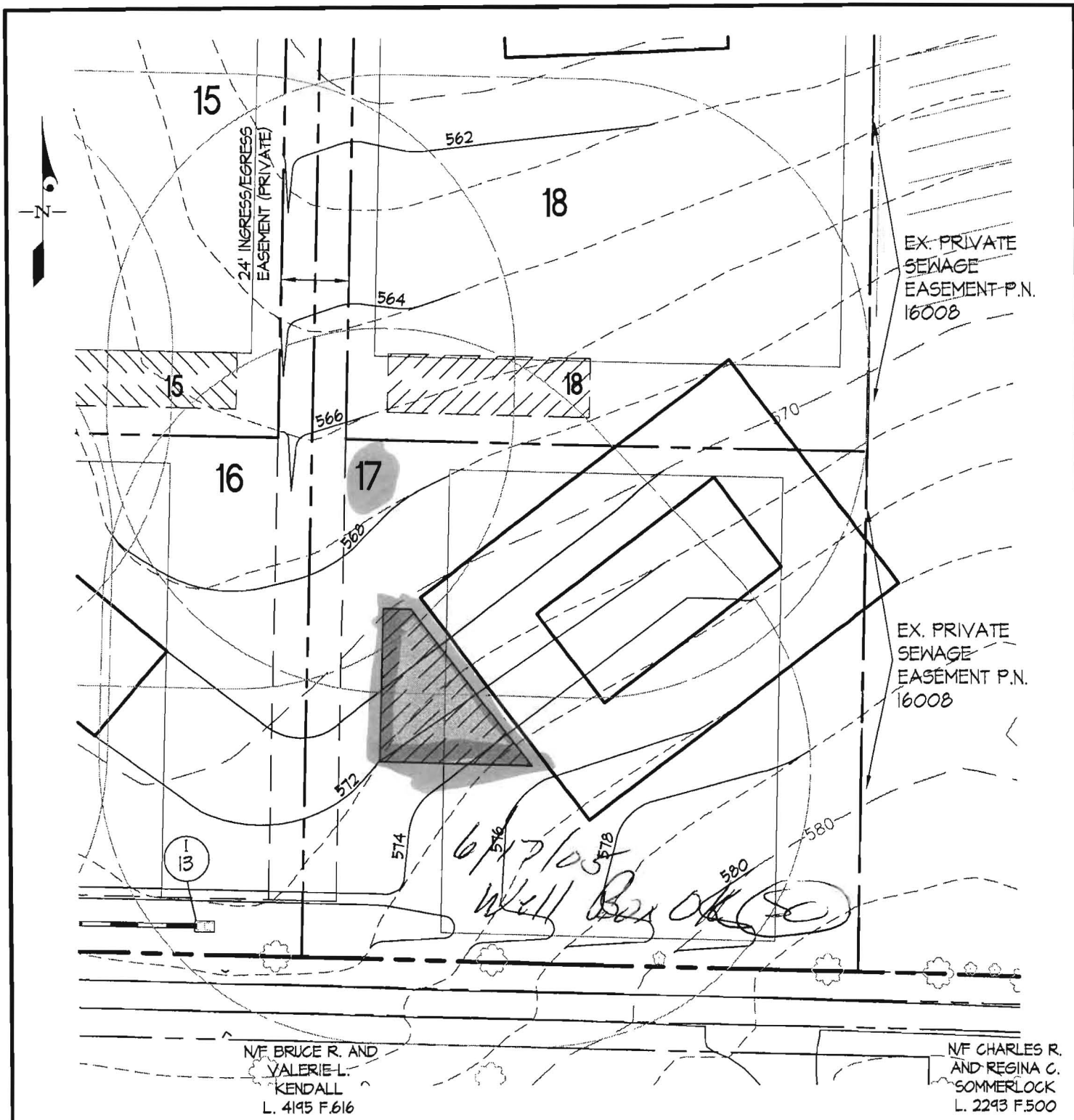
Pipes to house	House Connection
Type: <u>SIDRY HDE pipe</u>	PVC sleeved to undisturbed soil at well penetration: <input checked="" type="checkbox"/>
PSI: <u>160</u> (160 psi min)	Approximate length of sleeve: <u>6</u>
Depth of supply line: <u>36"</u> min)	Sleeve caulked and sealed properly: <input checked="" type="checkbox"/>

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: [Signature] date: 4-29-09

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

Date Insp. Requested: _____ Date Insp. Approved: 4/28/09 (KW)
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 grout observed below pitless adapter



N/F BRUCE R. AND
VALERIE L.
KENDALL
L. 4195 F.616

EX. PRIVATE
SEWAGE
EASEMENT P.N.
16008

EX. PRIVATE
SEWAGE
EASEMENT P.N.
16008

N/F CHARLES R.
AND REGINA C.
SOMMERLOCK
L. 2293 F.500

LEGEND



CONCEPTUAL HOUSE BOX

4022
W-17



WELL SURVEY POINT

WELL BOX

WELL LOCATION EXHIBIT - LOT 17

MUSGROVE FARM

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

GLWGUTSCHICK 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'

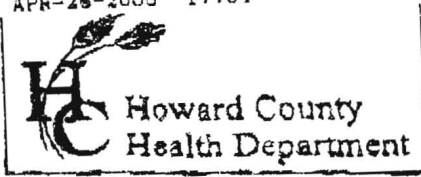
ZONING: RC/RR-DEO

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

GLW JOB NO: 01171

APR., 2005

1 OF 1



3525 H Ellicott Mills Drive • Ellicott City, MD 21043
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

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

ATTENTION WELL DRILLERS!!!

Muscrow FAM

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

- The well site has been staked by Gutschick 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



Howard County
Health Department

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

June 29, 2009

Homeowner
14366 Musgrove Farm Court
Glenwood, MD 21738

RE: Musgrove Farm, Lot 17
14366 Musgrove Farm Court
BP #: B09000200
Well Tag: HO-95-0051

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 06/26/2009. Final approval of the well line connection to the dwelling was approved on 04/28/2009.**

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 410-313-1792.

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-95-0051. 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) 313-1792 to schedule a final water sample appointment. Currently, there is no charge for this final sampling.**

Date of Water Samples: 06/19/2009
Date of Well Completion: 05/24/2006

Approving Authority,



Stuart F. Oster, R. S.
Well & Septic Program

cc: Building Inspector's Office
Community Health Services
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 #:	71681	Account #:	2333
Reference:	Ryan Homes Lot 17	Company:	Homeland Pump & Water
Location:	14366 Musbrae Farm Court Glenelg, MD 21737	Requested By:	Mike Dodd
Date/ Time Collected:	6/19/2009 0930	Source:	Well Water
Date/Time Rec'd:	6/19/2009 1137	Site:	Kitchen
Chlorine ppm:	Free: ND Total: ND	Treatment:	None
Collected By:	M. Dodd 6244MD	pH:	6.5
		Well #:	H0-95-0051

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD
DATE/TIME/ANALYST				
Bacteria, Coliform, Total, MPN 1000 / BCD	<1.0	MPN/ 100 ml	<1.0	SM18 9223 6/20/2009 /
Bacteria, E. coli, MPN 1000 / BCD	<1.0	MPN/ 100 ml	<1.0	SM18 9223 6/20/2009 /
Nitrate 1315 / CCH	<1.0	mg/L	10	601 6/19/2009 /
Turbidity 1300 / CCH	0.82	NTU	<10	SM18 2130B 6/19/2009 /
Sand 1300 / CCH	NS	mg/L	5	Visual/Gravimet 6/19/2009 /