

C1 22338

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A532374

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER Mildred Baender & Associates last name first name WELL SITE ADDRESS Greenberry Lane TOWN Clarksville SUBDIVISION Greenberry SECTION LOT 24

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include: Light to Dark Brown Loamy Sand Schist (0-31), White Sand (31-121), White Sand (121-182), Grey Sand (182-290), White Sand (290-291), Grey Sand (291-400).

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 15 NO. OF POUNDS 110 GALLONS OF WATER 90 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 40 ft.

CASING RECORD

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch)! 08 Total depth of main casing (nearest foot) 42

OTHER CASING (if used)

Table with columns: diameter inch, depth (feet) from to. Rows are empty.

SCREEN RECORD

screen type or open hole (insert appropriate code below) STEEL (ST) BRASS (BR) OPEN HOLE (HO) PLASTIC (PL) OTHER (OT)

Table with columns: DEPTH (nearest ft.), SLOT SIZE 1, 2, 3, DIAMETER OF SCREEN (NEAREST INCH) from to. Rows include: 40, 42, 400.

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 2.0 METHOD USED TO MEASURE PUMPING RATE 1 gal WATER LEVEL (distance from land surface) BEFORE PUMPING 8 ft. WHEN PUMPING 263 ft. TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES (Y) NO (N) TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE 01 (nearest foot)

LATITUDE 39.2303886 LONGITUDE 76.9201309 (DEFAULT COORD. WGS 84)

NOTES: 15 bags = 3.5 bags/10 ft. Storage: 390' - 0' = 382' \* 2.6 gal/ft = 993 gal

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES (Y) NO (N)

CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. 1 MS D 009 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 D

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

**B 1** 33820 SEQUENCE NO. (MDE USE ONLY) STATE OF MARYLAND STATE PERMIT NUMBER  
 1 2 3 6  
**APPLICATION FOR PERMIT TO DRILL WELL** HO-14-0170  
555320-W please type 70 fill in this form completely 79

Date Received (APA) 11/18/14  
**OWNER INFORMATION**  
 8 MM DD YY 13  
MILDEN BOENDER & ASSOC.  
 15 Last Name Owner First Name 34  
7350 -B Grace Dr.  
 36 Street or RFD 55  
Columbia MD 21044  
 57 Town 70 State 72 Zip 76

**B 3** LOCATION OF WELL  
Howard  
 8 COUNTY 21  
Greenberry  
 23 SUBDIVISION 42  
 SECTION 24 LOT 24  
 44 46 48 50  
Clark'sville  
 52 NEAREST TOWN 71

**DRILLER INFORMATION**  
Allen Compton M S D 009  
 Driller's Name 76 License No. 81  
Fogles Well Drilling LLC  
 Firm Name  
P. O. Box 202 Woodbine MD  
 Address  
Allen Compts 11-18-14  
 Signature Date

**B 4** SOURCES OF DRILLING WATER  
Greenberry Lane  
 11 STREET ADDRESS 30  
 2.  
 3.  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 NORTH  WEST  EAST  SOUTH   
 34 900 37  
 DISTANCE FROM ROAD FT  
 ENTER FT OR MI 38 39  
 TAX MAP: \_\_\_\_\_ BLK: \_\_\_\_\_ PARCEL \_\_\_\_\_

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

**USE FOR WATER** (CIRCLE APPROPRIATE BOX)  
 D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION  
 F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 I INDUSTRIAL, COMMERCIAL, DEWATERING  
 P PUBLIC WATER SUPPLY WELL  
 T TEST, OBSERVATION, MONITORING  
 O OPEN LOOP GEOTHERMAL  
 C CLOSED LOOP GEOTHERMAL

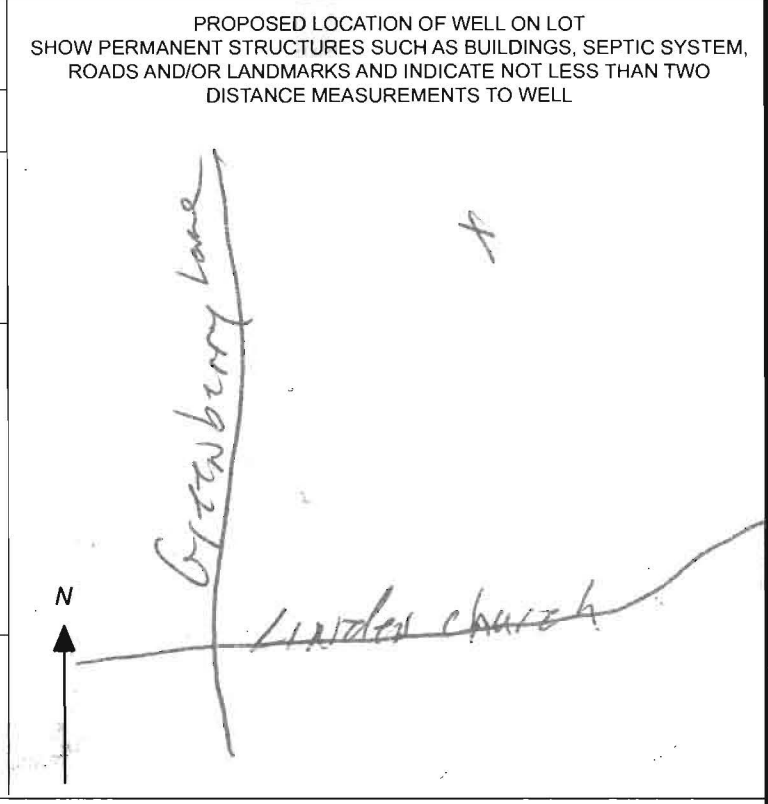
**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**  
Howard (13) A537374  
 COUNTY NAME COUNTY NO.  
 STATE SIGNATURE \_\_\_\_\_ INSERT S → 41  
 DATE ISSUED 12/10/14 Sub. Allen 12/10/15  
 43 MM DD YY 48 CO SIGNATURE EXP. DATE

APPROXIMATE DEPTH OF WELL 400 FEET  
 24 28  
 APPROXIMATE DIAMETER OF WELL 8 NEAREST INCH

**METHOD OF DRILLING** (circle one)  
 BORED (or Augered) JETTED Jetted & DRIVEN  
 36 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)  
 37 CABLE REVERSE-ROTary DRIVE-POINT  
 other \_\_\_\_\_

**REPLACEMENT OR DEEPEMED 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  
 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 DEEPEM AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 \_\_\_\_\_ 52

**Not to be filled in by driller (MDE OR COUNTY USE ONLY)**  
 APPROP. PERMIT NUMBER \_\_\_\_\_ G \_\_\_\_\_  
 PERMIT No. HO-14-0170  
 70 71 72 73 74 75 76 77 78 79



**FIELD DATE SHEET**  
**HOWARD COUNTY WELL YIELD TEST**

Well Permit No. HO- 14 - 0170

Subdivision: Greenberry Lot 24 Block \_\_\_\_\_ Plot \_\_\_\_\_ Sec. \_\_\_\_\_

Well Driller: Fogles Allen Compton Owner: Jacob Hikmat

Depth of Well: 500'

Distance of measuring point (M.P.) above ground: 2'

Static water level (S.W.L.) below M.P.: 8''

High rate pumping –reservoir Drawdown

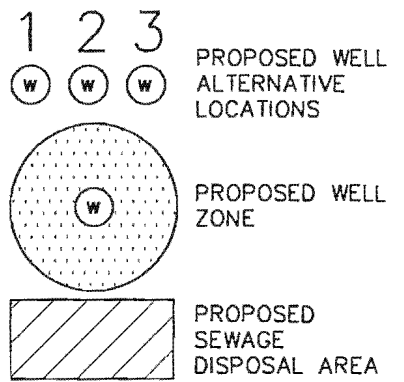
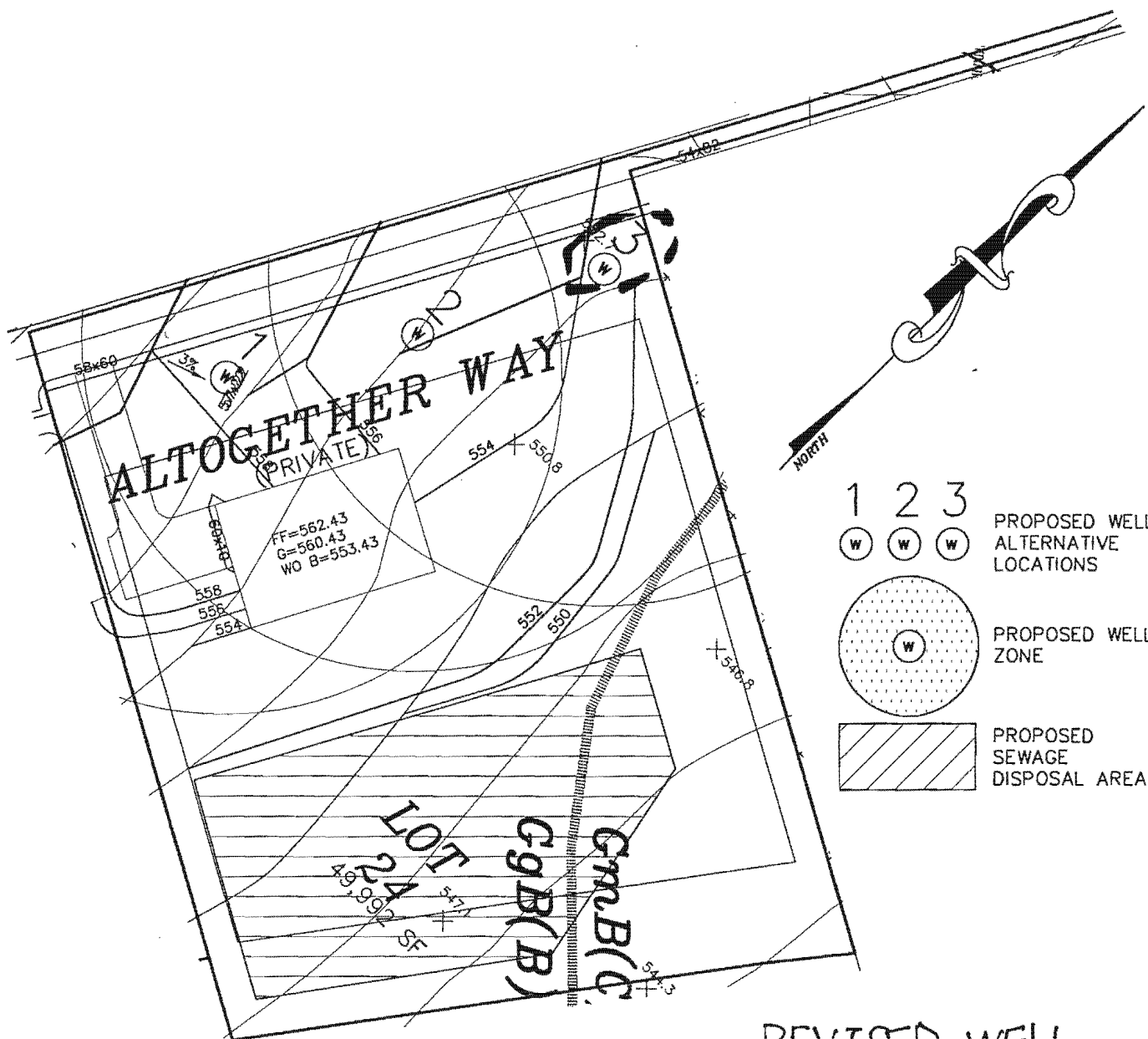
Time pump started: 6:00 Pumping rate: 15 gpm

Total time 1hr 15min to reach pumping water level 263' below M.P.

Recovery pump test data – observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL Below M.P.	PUMPING RATE Time to fill 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
6:00	8'	4 Seconds	N/A	15 gpm
6:15	91'	4		15 gpm
6:30	153'	5		12 gpm
6:45	214'	6		10 gpm
7:00	246'	6		10 gpm
7:15	263'	30		2 gpm
7:30	263'	30		2 gpm
7:45	263'	30		2 gpm
8:00	263'	30		2 gpm
8:15	263'	30		2 gpm
8:30	263'	30		2 gpm
8:45	263'	30		2 gpm
9:00	262'	30		2 gpm
9:15	262'	30		2 gpm
9:30	262'	30		2 gpm
9:45	262'	30		2 gpm
10:00	261'	30		2 gpm
10:15	261'	30		2 gpm
10:30	261'	30		2 gpm
10:45	261'	30		2 gpm
11:00	261'	30		2 gpm
11:15	260'	30		2 gpm
11:30	260'	30		2 gpm
11:45	260'	30		2 gpm
12:00	260'	30		2 gpm
12:15	259'	30		2 gpm
12:30	259'	30		2 gpm
12:45	258'	30		2 gpm
1:00	258'	30		2 gpm
1:15	258'	30		2 gpm

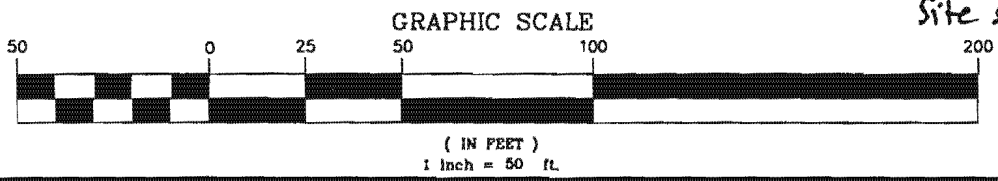
P:\2004\12-022 Greenberry\DWG\FINAL\14-095\_Well Exhibits



REVISED WELL EXHIBIT

Approved 3/24/15 SC

Site stated by MB+A  
3/21/15



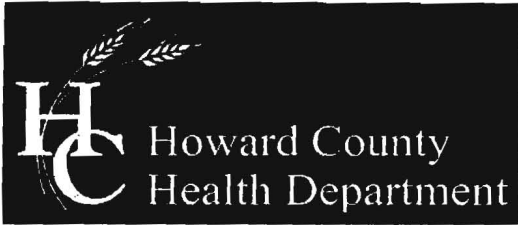
GREENBERRY  
WELL EXHIBIT - LOT 24

5TH ELECTION DISTRICT      HOWARD COUNTY, MARYLAND

**MILDENBERG BOENDER, & ASSOC., INC.**

Engineers    Planners    Surveyors  
7350-B Grace Drive, Columbia, Maryland 21044  
(410) 997-0296 Ball.      (410) 997-0298 Fax.

SCALE: 1" = 50'    DRAWN BY: JLS    DATE: NOV 2014    PN:12-022



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

Dr. Maura J. Rossman, M.D., Health Officer

TO ALL INTERESTED PARTIES

When submitting a well permit application for a proposed well, please indicate one of the following:

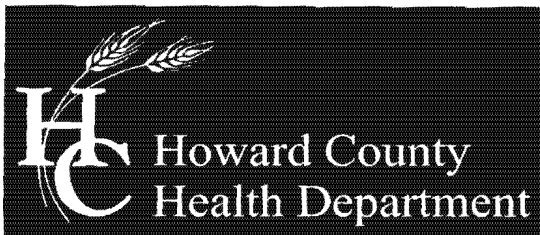
Well Site Location:

GREENBERRY                      24                      ALL TOGETHER WAY  
Subdivision/Property Name      Lot #                      Road Name

The well site, as shown on the attached well site plan, has been staked by  
MILDENBERG, BREYER & ASSOC. INC.  
(professional land surveyor or company employing professional land surveyors)  
on MARCH 21, 2015 (date).

The well driller, builder or property owner will call the Health Department to  
schedule a time to meet in the field to verify the proposed well site location.

This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.



## Bureau of Environmental Health

8930 Stanford Blvd, Columbia, MD 21045  
Main: 410-313-2640 | Fax: 410-313-2648  
TDD 410-313-2323 | Toll Free 1-866-313-6300  
[www.hchealth.org](http://www.hchealth.org)  
Facebook: [www.facebook.com/hocohealth](https://www.facebook.com/hocohealth)  
Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

---

December 9, 2014

### MEMORANDUM

TO: Fogle's Well Drilling, LLC  
PO Box 202  
Woodbine, MD 21797

Mildenberg, Bender, and Associates, Inc.  
7350-B Grace Drive  
Columbia, MD 21044

FROM: Sarah Collins SEC  
Environmental Health Specialist  
Howard County Health Department

RE: Greenberry Well Permits

---

Please note the following special conditions for the Greenberry subdivision well permits:

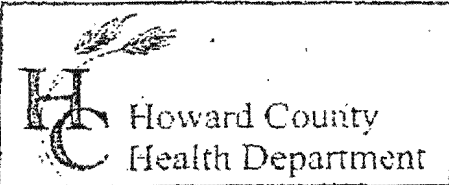
The Percolation Certification for the Greenberry subdivision shows circular well boxes for lots 7, 10, 12, 13, 15, 16, 18, and 19. The center of the well box has been staked and the driller is to drill at the outer perimeter of the well box, **22 feet from the center stake**.

All monitoring and test wells shown on the Percolation Certification are to be sealed. Abandonment reports must be submitted with well completion reports.

At the time of the yield test, a water sample needs to be collected for pesticides testing for lots 2, 3, 4, 5, 10, and 12.

At the time of the yield test, a water sample needs to be collected for TDS, sodium, and chloride testing for lots 4, 9, 11, 14, and 20.

Cc: File



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

TO ALL INTERESTED PARTIES

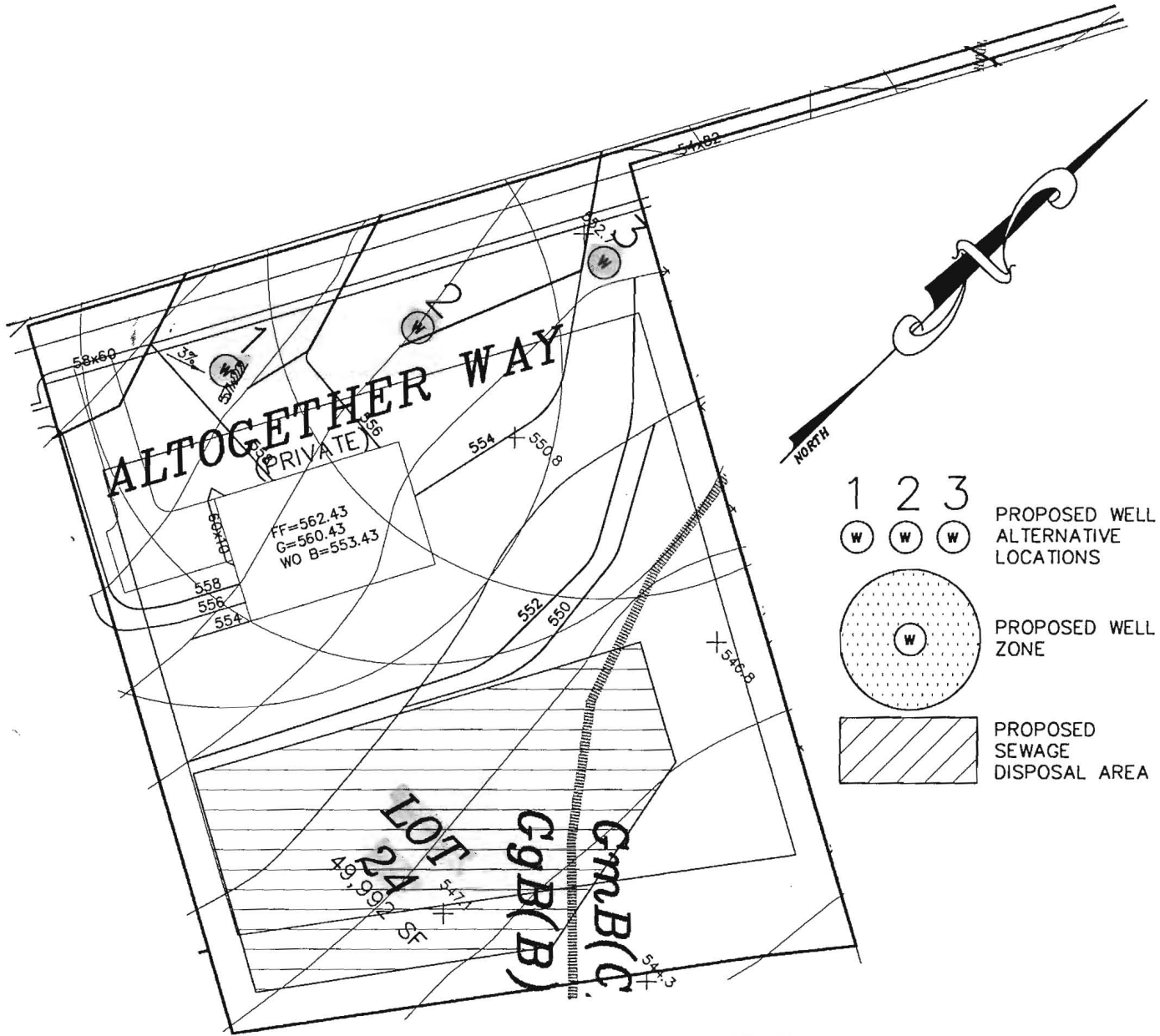
When submitting a well permit application for a proposed well for new construction, please indicate one of the following:


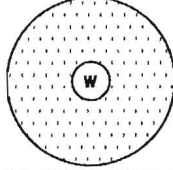

- The well site has been staked by Mildenberg Brender & Assoc.  
(professional land surveyor or company employing professional land surveyors)  
on 12-6-14 (date) and does not require a site inspection.
- The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

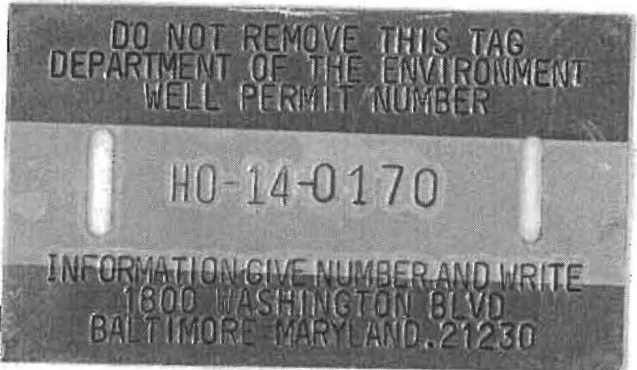
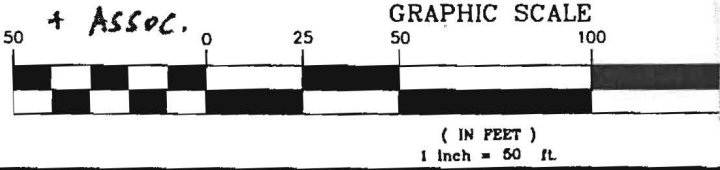
Revised 6/10/03

P:\2004\12-022 Greenberry\DWG\FINAL\F-14-095\_Well Exhibits



- 1 2 3  

 PROPOSED WELL ALTERNATIVE LOCATIONS
- 
 PROPOSED WELL ZONE
- 
 PROPOSED SEWAGE DISPOSAL AREA

Well exhibit approved (SC)  
 Well sites staked by  
 Mildenberg, Boender,  
 + Assoc. 12/10/14



**GREENBERRY**  
 WELL EXHIBIT - LOT 24  
 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**MILDENBERG BOENDER, & ASSOC., INC.**  
 Engineers Planners Surveyors  
 7350-B Grace Drive, Columbia, Maryland 21044  
 (410) 997-0298 Balt. (410) 997-0298 Fax.

SCALE: 1" = 50' DRAWN BY: JLS DATE: NOV 2014 PN: 12-D22

**HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WELL & SEPTIC PROGRAM  
TEL: (410)313-1771 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: Robert L. Feezer Co. Telephone #: 410-781-4655  
Address: 6321 Barnett Avenue  
Sykesville, MD 21784

(Must circle one) Licensed Plumber      Licensed Well Driller      Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:  
Name (Print): Joshua Henricks License# PI0173

**\*A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.**

Name of Property Owner: NV Homes Telephone #: 410-379-5956  
Subdivision: Greenberry Lot #: 24 Well Tag #: HO - 14 - 0170 ✓  
Site Address: 5023 Altogether Way  
Clarksville, MD 21029

**Submersible Pump Data**

Make: Berkeley  
Model #: B10P4MS10221  
Pump Capacity 10 GPM  
Well Yield: 2.0 GPM

**Pitless Adapter**

Make: Boshart  
Model#: P-100-SS  
Depth: 42" (36" min)  
NSF/WSC 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: 500 (feet)  
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Torque arrestors, Cable guards, or other acceptable method used— Must circle one

Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing N/A

**Piping to house**

Type: Poly  
PSI: 200 (160 psi min)  
Depth of supply line: 42" (36" min)

**House Connection**

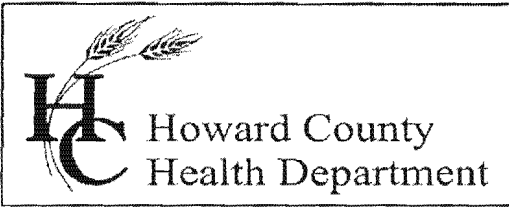
PVC sleeve to undisturbed soil at wall penetration: Yes  
Length of sleeve(5' minimum from foundation): 10'  
Sleeve sealed properly: Yes

**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.**

Joshua Henricks June 7, 2016  
Signature of company representative responsible for installation date

**For Health Department Use Only – Not to be completed by Installer**

Date Insp. Requested: 10/21/16 Date Insp. Approved: 10/12/16 Inspector: PK  
Inspection Data: Pitless adapter watertight & 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 not outside of well cap/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 ✓



Bureau of Environmental Health

8930 Stanford Blvd., Columbia, MD 21045  
Main: 410-313-2640 | Fax: 410-313-2648  
TDD 410-313-2323 | Toll Free 1-866-313-6300  
www.hchealth.org  
Facebook: www.facebook.com/hocohealth  
Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

---

**INTERIM CERTIFICATE OF POTABILITY**

**Expiration Date – JUNE 2, 2016**

December 2, 2016

Homeowner  
5023 Altogether Way  
Clarksville, MD 21029

**RE: Greenberry, Lot 24  
5023 Altogether Way  
Building Permit: B16002427  
Well Permit: HO-14-0170**

Dear Homeowner:

This is to advise you that the septic system installation and water well construction for the above referenced property have been inspected and approved. Final approval of the septic system was granted on **11/28/2016**. Final approval of the well line connection to the dwelling was granted on **10/12/2016**. The well construction was completed on **5/27/2015**. Water samples were collected on **11/14/2016**.

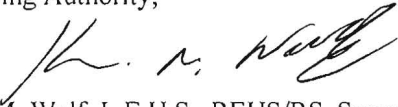
The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit HO-14-0170. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies.

This Interim Certificate of Potability will expire **six months** from the date of issuance. Submission of a second bacteriological test indicating the water is free of coliform and fecal coliform bacteria is required prior to the expiration date, after which time a Final Certificate of Potability will be issued. **Failure to submit an additional sample and obtain a Final Certificate of Potability will result in a Notice of Violation and is punishable as a misdemeanor under the Annotated Code of Maryland, Environment Article, 9-1311, subject to a fine of up to \$500 or imprisonment not to exceed three months.**

Please contact (410) 313-1773 to schedule a final water sample appointment or contact a Maryland certified water laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website:  
<http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf>

In closing, please refer to our "Homeowner Fact Sheet" which illustrates a better understanding for your Best Available Technology (BAT). You will also find a link to Maryland Department of the Environments website which describes in further detail operation and maintenance of your BAT.

Approving Authority,

A handwritten signature in black ink, appearing to read "K. M. Wolf", is written over the printed name below.

Kevin M. Wolf, L.E.H.S., REHS/RS, Supervisor  
Groundwater Management Section  
Well & Septic Program

cc: Howard County Dept. of Inspections, Licenses, and Permits  
Community Hygiene Program  
File

# Water Testing Laboratories

P.O. Box 712  
Stevensville, MD 21666  
410-643-7711

of Maryland, Inc.

N V Homes  
C/o Robert Feezer Co.  
6321 Barnett Avenue  
Sykesville, MD 21784

Reporting Date: 11/21/2016  
Report #: M4613

Submitted Sample Address: 5023 Altogether Way, Clarksville, MD  
Submitted Sample Source: Holding tank-well cap intact no devices used  
Date / Time Collected: 11/14/2016 9:30 AM  
Sample Type: Drinking Water  
Sampler/Company: K. Lee 4827KL, WTL of MD  
Field Record: Chlorine residual: Absent Clear when drawn PH:7.3  
Well Tag #: Could not find

## Analytical Results

Parameter	Result	Units	Report Limit	Standard	Standard Type
Total Coliform Bacteria	Absent	Coliforms/100 ml	Present/Absent	Absent	EPA Primary MCL
<i>E. Coli</i> Bacteria	Absent	Coliforms/100 ml	Present/Absent	Absent	EPA Primary MCL
Nitrate as N	1.1	mg/L	0.5	10	EPA Primary MCL
Sand	Absent	mg/L or Absent	mg/L or Absent	< 5 mg/L*	MD Well Reg.
Turbidity	ND	NTU	0.5	< 10 NTU*	MD Well Reg.
Sodium	9.9	mg/L	5.0	N/A	---
TDS	80	mg/L	1	500	EPA Secondary MCL
Chloride	37	mg/L	1.0	250	EPA Secondary MCL


### Notes:

- Bacteriological analysis of this sample indicates this water is  safe for human consumption.
- Results in **BOLD** exceed the MCL, Action Level or MD well regulation.
- Samples received and examined within EPA's recommended holding times.
- MCL - Maximum Contaminant Level
- ND - Not Detected.
- \* Sand and turbidity standard for new wells - See Code of Maryland Regulations (COMAR) 26.04.04.16E(5). If sand is present, it is analyzed to determine amount of sand in mg/L.
- MCL Type -  
  - EPA Primary:** The maximum contaminant level which is the highest level of contaminant that is allowed in drinking water. Primary MCLs are enforceable standards.
  - EPA Secondary:** Non-enforceable guidelines regulating contaminants that cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste or odor) in drinking water.
  - Action Level:** Defined in treatment techniques which are required processes intended to reduce the level of a contaminant in drinking water.
- We certify that the analyses performed for this report are accurate, and that the laboratory tests were conducted by methods approved by the US Environmental Protection Agency and the Maryland Department of the Environment.

Reported by,



C. Rodgers, Assistant Lab Manager, Microbiology

Reviewed by: 

# Water Testing Laboratories

P.O. Box 712  
Stevensville, MD 21666  
410-643-7711

of Maryland, Inc.

N V Homes  
C/o Robert Feezer Co.  
6321 Barnett Avenue  
Sykesville, MD 21784

Reporting Date: 11/21/2016  
Report #: M4613

Submitted Sample Address: 5023 Altogether Way, Clarksville, MD  
Submitted Sample Source: Holding tank-well cap intact no devices used  
Date / Time Collected: 11/14/2016 9:30 AM  
Sample Type: Drinking Water  
Sampler/Company: K. Lee 4827KL, WTL of MD  
Field Record: Chlorine residual: Absent Clear when drawn PH:7.3  
Well Tag #: Could not find

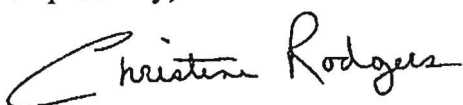
## Analytical Results

Parameter	Result	Units	Report Limit	Standard	Standard Type
Total Coliform Bacteria	Absent	Coliforms/100 ml	Present/Absent	Absent	EPA Primary MCL
<i>E. Coli</i> Bacteria	Absent	Coliforms/100 ml	Present/Absent	Absent	EPA Primary MCL
Nitrate as N	1.1	mg/L	0.5	10	EPA Primary MCL
Sand	Absent	mg/L or Absent	mg/L or Absent	< 5 mg/L*	MD Well Reg.
Turbidity	ND	NTU	0.5	< 10 NTU*	MD Well Reg.
Sodium	9.9	mg/L	5.0	N/A	---
TDS	80	mg/L	1	500	EPA Secondary MCL
Chloride	37	mg/L	1.0	250	EPA Secondary MCL


### Notes:

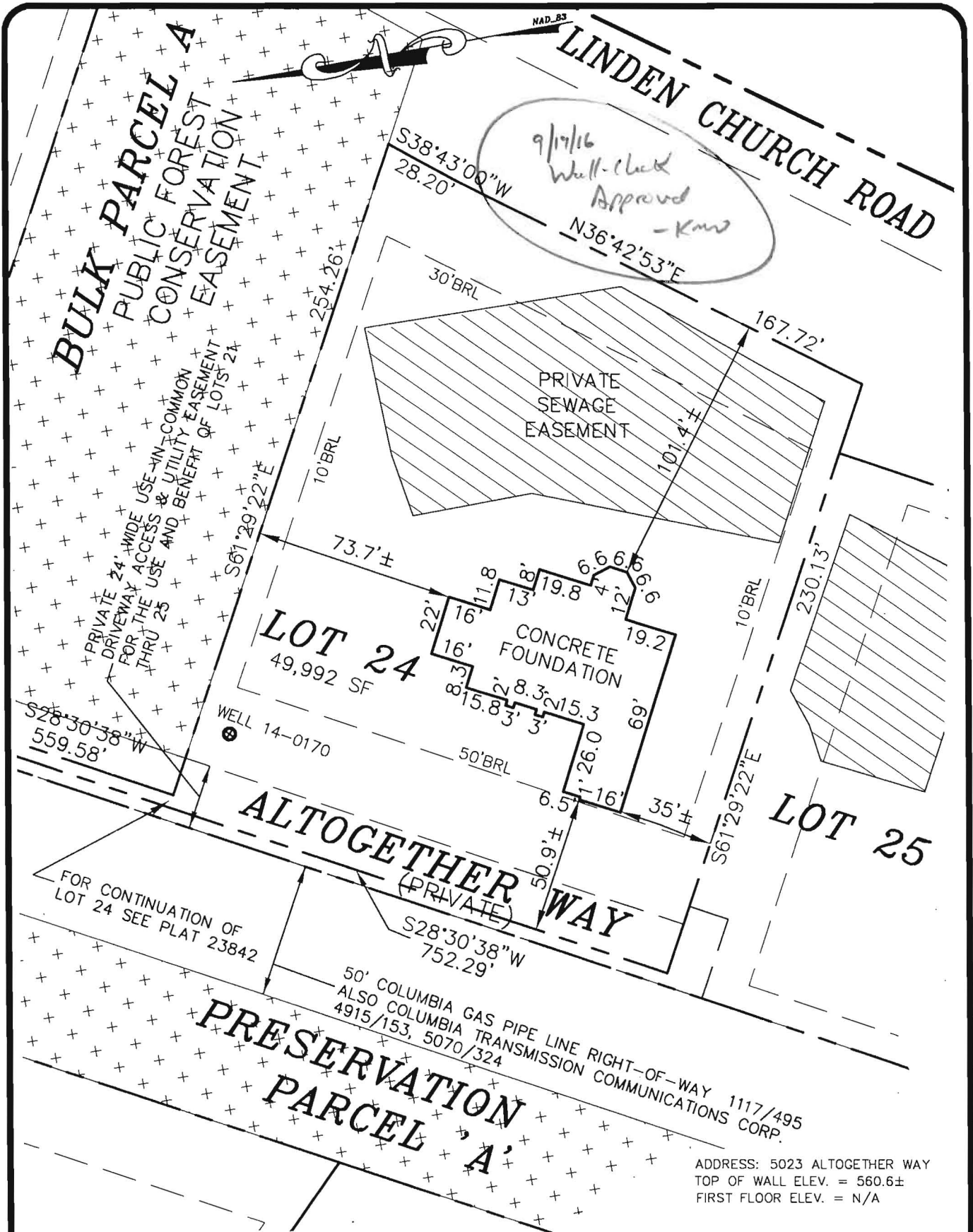
- Bacteriological analysis of this sample indicates this water is  safe  for human consumption.
- Results in **BOLD** exceed the MCL, Action Level or MD well regulation.
- Samples received and examined within EPA's recommended holding times.
- MCL - Maximum Contaminant Level
- ND - Not Detected.
- \* Sand and turbidity standard for new wells - See Code of Maryland Regulations (COMAR) 26.04.04.16E(5). If sand is present, it is analyzed to determine amount of sand in mg/L.
- MCL Type -  
  - EPA Primary:** The maximum contaminant level which is the highest level of contaminant that is allowed in drinking water. Primary MCLs are enforceable standards.
  - EPA Secondary:** Non-enforceable guidelines regulating contaminants that cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste or odor) in drinking water.
  - Action Level:** Defined in treatment techniques which are required processes intended to reduce the level of a contaminant in drinking water.
- We certify that the analyses performed for this report are accurate, and that the laboratory tests were conducted by methods approved by the US Environmental Protection Agency and the Maryland Department of the Environment.

Reported by,



C. Rodgers, Assistant Lab Manager, Microbiology

Reviewed by: 



**LOT 24**  
**GREENBERRY**

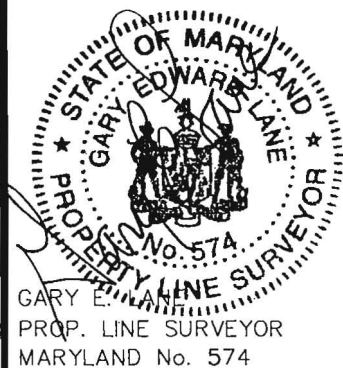
PLATS 23842  
ELECTION DISTRICT No. 5  
HOWARD COUNTY, MARYLAND

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 574, EXPIRATION DATE: 03/21/17.

THE INFORMATION SHOWN HAS BEEN ESTABLISHED BY CURRENT ACCEPTABLE SURVEY PROCEDURES AND FROM AVAILABLE RECORD INFORMATION. THIS DRAWING IS TO BE USED FOR TITLE TRANSFER FINANCING, OR REFINANCING ONLY AND IS NOT TO BE USED FOR THE ESTABLISHMENT OF PROPERTY LINES, LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS.

**MILDENBERG**  
**BOENDER, & ASSOC., INC.**

Engineers Planners Surveyors  
7350-B Grace Drive, Columbia, MD 21044  
(410) 997-0296 Balt. (410) 997-0298 Fax.



FOUNDATION	DATE: 08/11/16	FINAL LOCATION	DATE: N/A
DRAWN BY: MES	CHECKED BY: GEL	SCALE: 1"=50'	
PROJECT NO.: 15-005	LOCATION DRAWING		