

C1 8098 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE

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

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY 4 5 07

Depth of Well 22 205 26 (TO NEAREST FOOT) 5/31/07

PERMIT NO. FROM "PERMIT TO DRILL WELL" 110-95-0790

OWNER Toll Brothers last name first name STREET OR RFD TOWN Glandorp SUBDIVISION Edgewood Farms SECTION LOT 31

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: Dirt (0-10), Hard Gray (10-68), Broken Rock (68-70), Hard Gray (70-140), Med Gray (140-140), Hard Gray (140-205).

GROUTING RECORD yes no Y N

WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 5 NO. OF POUNDS 494 GALLONS OF WATER 32 DEPTH OF GROUT SEAL (to nearest foot) from 0 TOP 52 ft. to 21 BOTTOM 58 ft.

CASING RECORD casing types insert appropriate code below

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 21

OTHER CASING (if used) diameter inch depth (feet) from to PL 4 1/2 60 80

SCREEN RECORD screen type or open hole insert appropriate code below

SCREEN RECORD ST BR HO PL OT STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED yes no Y 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 M D 355 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 D 553

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

C 2 DEPTH (nearest ft.)

Table with columns: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. Rows include: 10 20 60, 80 205.

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

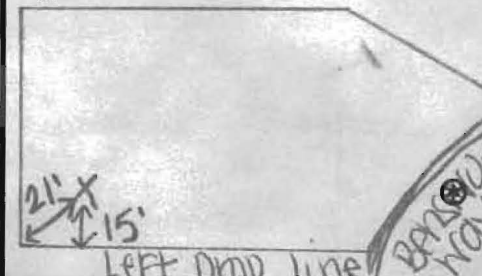
C 3 PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 12.0 METHOD USED TO MEASURE PUMPING RATE Time Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 30 ft. WHEN PUMPING 50 ft. TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (YES OR NO) YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. 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) + above LAND SURFACE - below (nearest) foot

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



B 1 9346

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 526283 please type

STATE PERMIT NUMBER

HO-95-0790 fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13 Toll Brothers 15 Last Name Owner First Name 34 Suite 7164 Columbia Gateway Dr 36 Street or RFD 55 Columbia MD 21046 57 Town 70 State 72 Zip 76

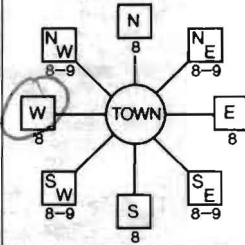
B 3 HOWARD LOCATION OF WELL

8 COUNTY 21 Edgewood Farms 23 SUBDIVISION 42 SECTION 44 46 LOT 34 48 50 Colenely 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 2 M I 73 76 77 78

DRILLER INFORMATION

Driller's Name Michael Barlow MD 355 License No. 81 Firm Name Barlow Well Drilling Srvc Address 522 Underwood Ln, Bel Air, MD 21014 Signature Date 2/13/07

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 Bensworth Way 30 NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 325 34 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP: 21 BLK: 22 PARCEL 90

B 2 WELL INFORMATION APPROX. PUMPING RATE 5 (GAL. PER MIN.) 8 500 AVERAGE DAILY QUANTITY NEEDED (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 [G] GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard (13) A518964 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 3/30/2007 CO SIGNATURE EXP. DATE 43 MM DD YY 48 519 000 55 792 000 57 63

APPROXIMATE DEPTH OF WELL 300 FEET APPROXIMATE DIAMETER OF WELL 6 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

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 DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41

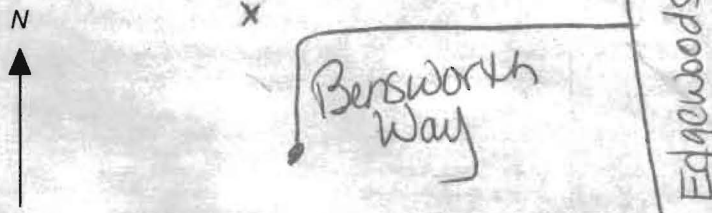
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 7902 N 52019

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 2006 G 004 PERMIT No. HO-95-0790

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



MICHAEL BARLOW WELL DRILLING & SERVICE, INC.
522 Underwood Lane **Bel Air, Maryland 21014**
(410) 838-6910 **Fax (410) 838-3582**

WELL YIELD REPORT

Date Test Completed:		April 5, 2007	
Well Depth:		205	feet
Customer	Toll Brothers	Permit #	HO-95-0790
Road	Edgewoods Way	Subdivision	Edgewood Farms
City	Glenelg	Section	
State	Maryland	Lot #	34

Time	Water Level feet	Time to Fill 1-gallon bucket seconds	G.P.M.
1:00 PM	36	5	12.00
1:15 PM	50	5	12.00
1:30 PM	50	5	12.00
1:45 PM	50	5	12.00
2:00 PM	50	5	12.00
2:15 PM	50	5	12.00
2:30 PM	50	5	12.00
2:45 PM	50	5	12.00
3:00 PM	50	5	12.00
3:15 PM	50	5	12.00
3:30 PM	50	5	12.00
3:45 PM	50	5	12.00
4:00 PM	50	5	12.00
4:15 PM	50	5	12.00

**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: Fogles Well Drilling LLC Telephone #: 443-609-4195
Address: PO Box 2023
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# MSD0009

*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: Toll Brothers Telephone #: 410-489-7407
Subdivision: Triadelphia Crossing / Edgewood Lot #: 34 Well Tag #: HO-95-0790
Site Address: 14314 Bensworth Way
Greenbelt, MD 21737

Submersible Pump Data

Make: Grundfos
Model #: 153QEO7-140
Pump Capacity 7 GPM
Well Yield: 12 GPM

Pitless Adapter

Make: Campbell
Model#: N/A
Depth: 36" (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

Depth of well encountered at time of pump installation: 205 (feet) Conduit secured to well cap: YES

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: 1" poly pipe
PSI: 160 (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): 5'
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.

Signature of company representative responsible for installation: Allen Compton

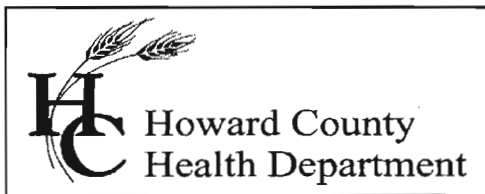
date: 10/11/13

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

Date Insp. Requested: 10/2/13 Date Insp. Approved: 10/16/13 Inspector: (RW)

- 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 3" above finished grade
- Water supply line sleeved adequately at house connection
- Adequate grout observed below pitless adapter

Steve



Bureau of Environmental Health

8930 Stanford Blvd., Columbia, MD 21045
Main: 410-313-1771 | Fax: 410-313-2648
TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org

Facebook: www.facebook.com/hocohealth
Twitter: [HowardCoHealthDep](https://twitter.com/HowardCoHealthDep)

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

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – October 9, 2014

April 9, 2014

Homeowner
14314 Bensworth Way
Gleneg, Maryland 21737

**RE: Edgewood Farm, Lot #34
14314 Bensworth Way
Building Permit: B13001896
Well Permit: HO-95-0790**

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 **10/13/2013**. Final approval of the well line connection to the dwelling was granted on **10/16/2013**. The well construction was completed on **04/05/2007**. Water samples were collected on **04/04/2014**.

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-95-0790. 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>

Approving Authority,

Dana Bernard

Dana Bernard
Environmental Sanitarian
Well & Septic Program

cc: Howard County Dept. of Inspections, Licenses, and Permits
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 #: 93696 Account #: 1930
Reference: Toll Brothers Lot 34 Company: Fogle's Well Drilling
Location: 14314 Bensworth Way Requested By: Dave Fogle
Glenelg, MD 21737 Source: Well Water
Date/ Time Collected: 4/4/2014 1454 Site: Pressure Tank
Date/Time Rec'd: 4/4/2014 1536 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 6.7
Collected By: J. Fogle 1974JF Well #: HO-95-0790

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0 ✓	MPN/ 100 ml	<1.0	SM18 9223	4/5/2014 / 1000 / LLO
Bacteria, E. coli, MPN	<1.0 ✓	MPN/ 100 ml	<1.0	SM18 9223	4/5/2014 / 1000 / LLO
Nitrate	5.19 ✓	mg/L	10 ✓	601	4/4/2014 / 1600 / CCH
Turbidity	8.50 ✓	NTU	<10	SM18 2130B	4/4/2014 / 1630 / CCH
Sand	NS ✓	mg/L	5	Visual/Gravimetric	4/4/2014 / 1630 / CCH

OK
DB
4-9-14

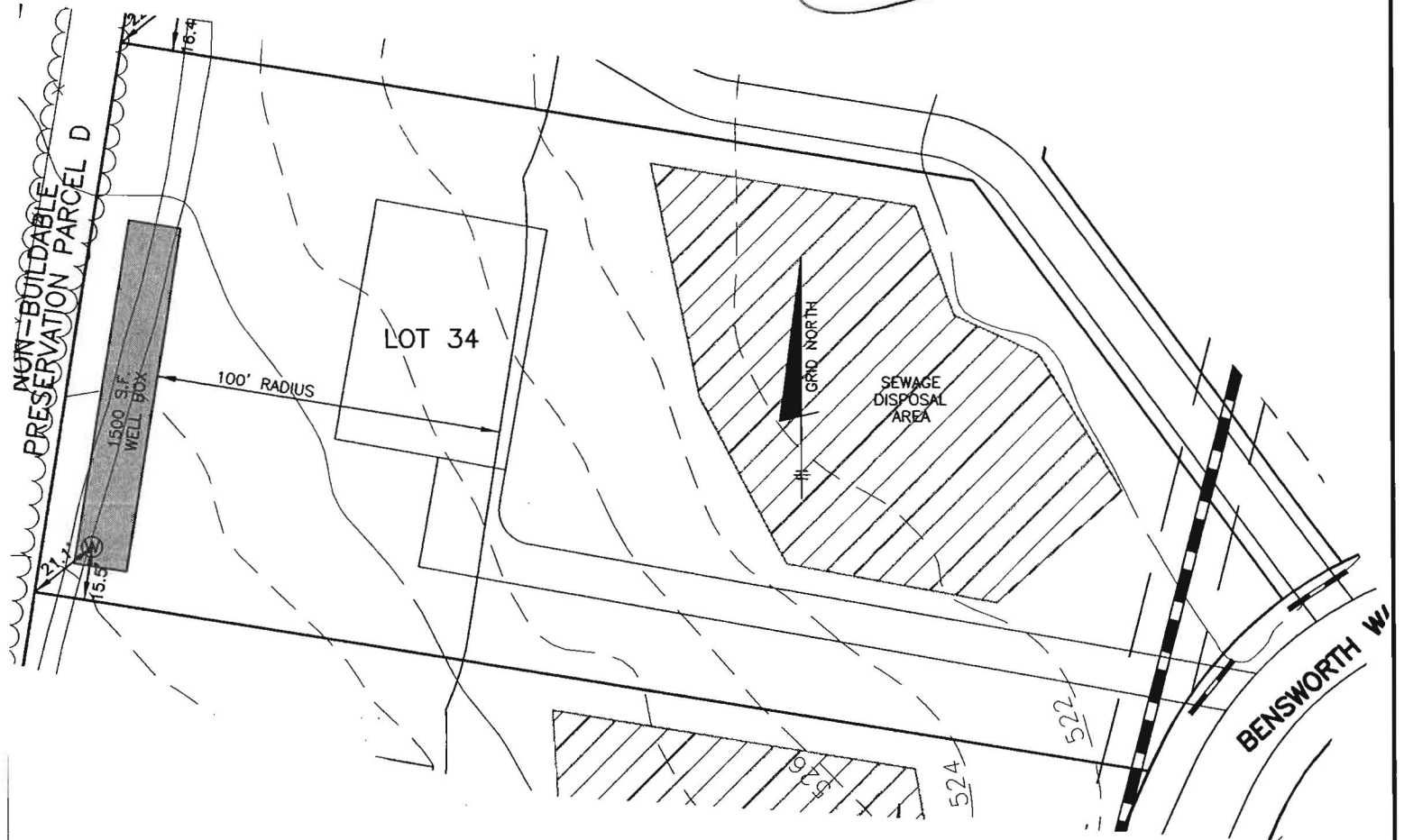
NOTES

- 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 Sample collected by client, analyzed as received
- 8 pH tested in lab, chlorine level tested on site

Reason for Test : Use & Occupancy
Building Permit # : 13001896

Date Reported: 4/9/2014

3/30/07
Well Site Staked
By Benchmark.
(BB)



BENCHMARK

ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS

ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418

ELLCOTT CITY, MARYLAND 21043

PHONE: 410-465-6105

FAX: 410-465-6644

EDGEWOOD FARM

WELL LOCATION PLAN

LOT 34

F-06-108

SCALE: 1" = 50'

DATE: 10-10-06