

C1 - 7022

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 13 A518964

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-95-0753

OWNER Toll Brothers, Inc. last name first name TOWN Glenelg STREET OR RFD Corys Court SUBDIVISION Edgewood Farm SECTION LOT 1

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Dirt, Hard Gray, Med Brown, etc.

GROUTING RECORD form with fields for GROUTING MATERIAL (CEMENT, BENTONITE CLAY), NO. OF BAGS, NO. OF POUNDS, DEPTH OF GROUT SEAL.

CASING RECORD form with fields for MAIN CASING TYPE, Nominal diameter, Total depth of main casing.

OTHER CASING (if used) form with fields for diameter, depth.

SCREEN RECORD form with fields for screen type, diameter, depth.

NUMBER OF UNSUCCESSFUL WELLS: 2. WELL HYDROFRACTURED: YES/NO

CIRCLE APPROPRIATE LETTER A, E, P. A: A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED.

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...

DRILLERS LIC. NO. M D. DRILLERS SIGNATURE. LIC. NO. 174 D 553

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

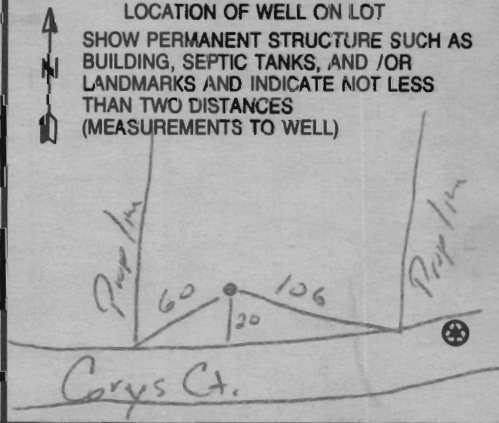
C2 DEPTH (nearest ft.) table with columns 1-21 and rows E, A, C, H, S, R, E, N. Values: 10, 47, 205.

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T, W Q, TELESCOPE CASING, LOG INDICATOR, OTHER DATA

C3 PUMPING TEST form with fields: HOURS PUMPED (3), PUMPING RATE (8.57), METHOD USED TO MEASURE PUMPING RATE (Time Bucket), WATER LEVEL, TYPE OF PUMP USED (submersible).

PUMP INSTALLED form with fields: DRILLER INSTALLED PUMP, TYPE OF PUMP INSTALLED, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.



B 1 9350

SEQUENCE NO. (MDE USE ONLY)

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

STATE PERMIT NUMBER

HO-95-0753 fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

Toll Brothers Owner First Name 34 7164 Columbia Gateway Dr, Ste 230 Columbia, Md 21046

B 3 HOWARD LOCATION OF WELL

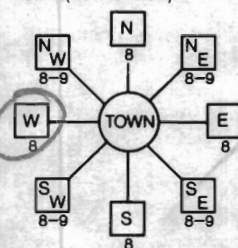
8 COUNTY 21 Edgewood Farms 23 SUBDIVISION 42 SECTION 44 46 LOT 1 48 50 52 NEAREST TOWN 71 Glenelg

DRILLER INFORMATION

michael Barlow MW D 355 Driller's Name 76 License No. 81 Barlow Well Drilling Srvc Firm Name 522 Underwood Ln, Bel Air, Md Address mlee 3/13/07 Signature Date

MILES FROM TOWN (enter 0 if in town) 2 73 76 77 78

B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 CORUS COURT 30 NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH SOUTH WEST EAST

34 30 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39

TAX MAP: 21 BLK: 22 PARCEL 90

B 2 WELL INFORMATION

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard (13) A518964 COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S

DATE ISSUED 3/16/2007 Brian Baker 3/16/2008 EXP. DATE

43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID 519 000 EAST GRID 794 000

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

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) 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

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER H02006G004 PERMIT No. HO-95-0753

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 7904 000 000 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

N



Sketch showing location of well in relation to nearby towns and roads. Edgewoods way, CORUS CT

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



**MICHAEL BARLOW WELL DRILLING & SERVICE, INC.**

522 Underwood Lane  
(410) 838-6910

Bel Air, Maryland 21014  
Fax (410) 838-3582

**WELL YIELD REPORT**

Date Test Completed:		March 23, 2007	
Well Depth:		205	feet
Customer	Toll Brothers	Permit #	HO-95-0753
Road	Edgewoods Way	Subdivision	Edgewood Farms
City	Glenelg	Section	
State	Maryland	Lot #	1

Time	Water Level feet	Time to Fill 1-gallon bucket seconds	G.P.M.
1:30 PM	35	7	8.57
1:45 PM	40	7	8.57
2:00 PM	54	7	8.57
2:15 PM	54	7	8.57
2:30 PM	54	7	8.57
2:45 PM	54	7	8.57
3:00 PM	54	7	8.57
3:15 PM	54	7	8.57
3:30 PM	54	7	8.57
3:45 PM	54	7	8.57
4:00 PM	54	7	8.57
4:15 PM	54	7	8.57
4:30 PM	54	7	8.57
4:45 PM	54	7	8.57
5:00 PM	54	7	8.57



Order: Mike

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: 5414 A Arcadia Ave  
Upperville, MD 21555

(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# PI 0161

\*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: Toll Brothers Telephone #: 301-376-0835  
Subdivision: Tridelphia Crossing Lot #: 1 Well Tag #: HO-95-0753  
Site Address: 14604 Cayle Court  
Glenn Dale, MD

**Submersible Pump Data**      **Pitless Adapter**      **Well Cap and Electric Conduit**  
Make: Cornus      Make: Camco      Two piece watertight cap:     
Model #: 1559C07180      Model#: PA800      Screened, vented well cap:     
Pump Capacity 15 GPM      Depth: 42" (36" min)      Cap secured to casing:     
Well Yield: 10 GPM      NSF approved:         Conduit min 18" B.G.:     
Depth of well encountered at time of pump installation: 22 (feet)      Conduit secured to well cap:     
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   

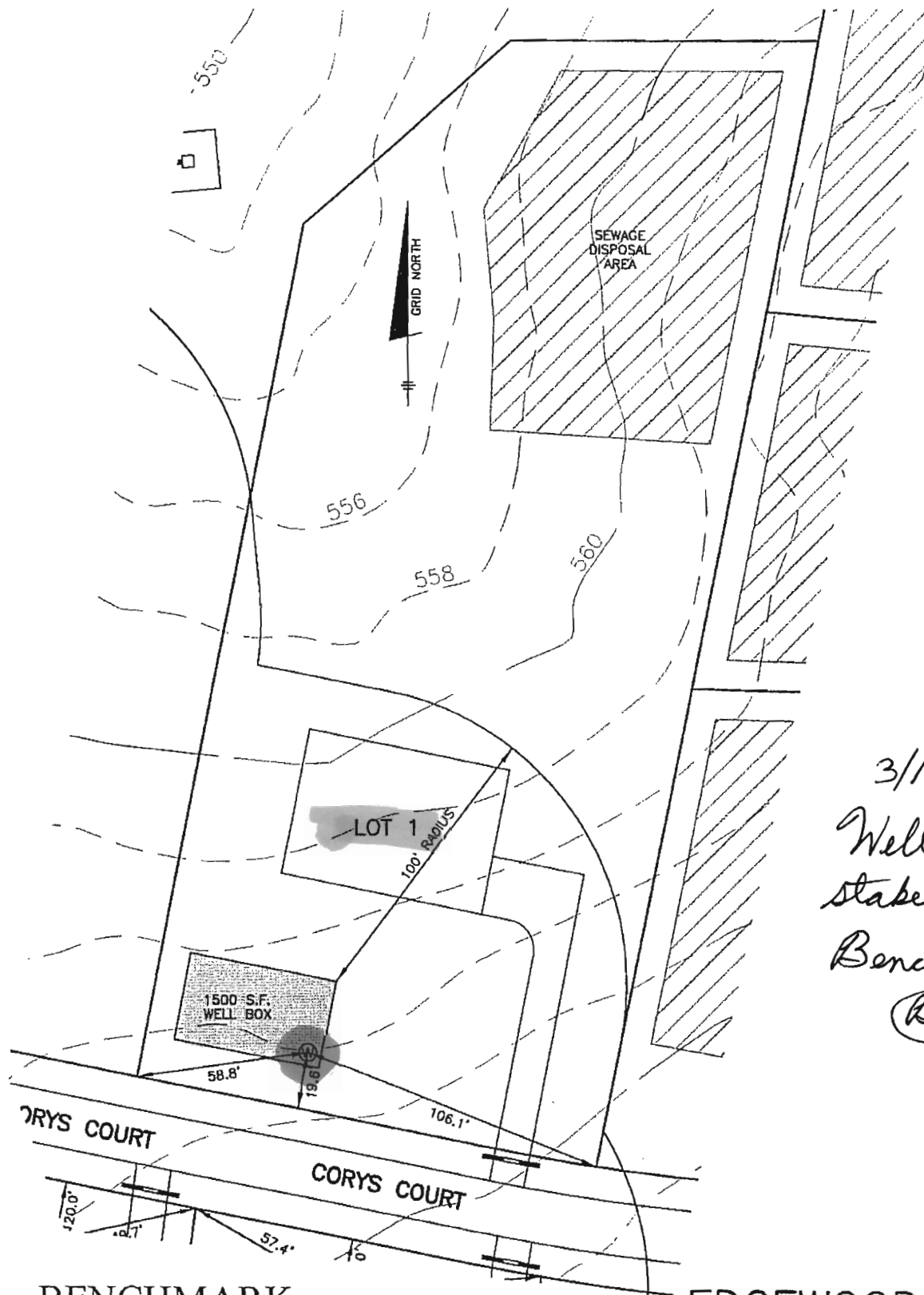
**Piping to house**      **House Connection**  
Type: SURFACE      PVC sleeved to undisturbed soil at wall penetration:     
PSI: 160 (psi min)      Approximate length of sleeve: 60  
Depth of supply line:    (36" min)      Sleeve caulked and sealed properly:   

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: 7/25/07

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

Date Insp. Requested:         Date Insp. Approved: 7/18/07 **BB**  
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



3/16/07  
 Well site  
 staked by  
 Benchmark  
 (BB)

**BENCHMARK**  
 ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS  
**ENGINEERING, INC.**

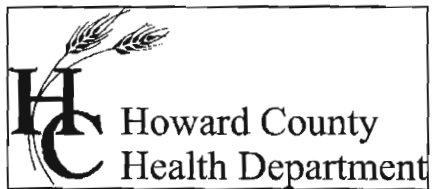
8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418  
 ELLICOTT CITY, MARYLAND 21043  
 PHONE: 410-465-6105 FAX: 410-465-6644

**EDGEWOOD FARM**  
**WELL LOCATION PLAN**  
**LOT 1**

F-06-108

SCALE: 1" = 50'

DATE: 10-10-06



Bureau of Environmental Health  
7178 Columbia Gateway Drive Columbia, Maryland 21046-2132  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

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

August 14, 2008

Toll MD V, LP  
7164 Columbia Gateway Drive  
Columbia, MD 21046

FAX SENT VIA FACSIMILE 410-489-2278

RE: Edgewood Farm, Lot 1  
14606 Corys Court  
Glenelg, MD 21737  
BP# B08000038  
Well Tag #: HO-95-0753

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 08/13/2008. Final approval of the well line connection to the dwelling was approved on 04/18/2008.**

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.

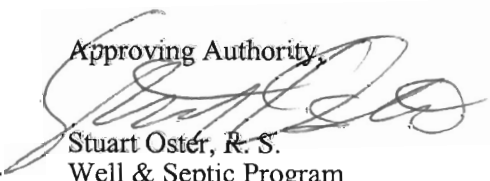
#### INTERIM CERTIFICATE OF POTABILITY

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-95-0753. 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: 08/05/2008  
Date of Well Completion: 03/23/2007

Approving Authority,

  
Stuart Oster, R. S.  
Well & Septic Program

cc: Building Inspector's Office  
Community Health Services  
File

# Environmental Testing Lab Inc.

108 Old Solomons Island Rd  
Annapolis, MD 21401

3430 Rockefeller Ct  
Waldorf, MD 20602



State Certified Water Quality  
Laboratory # 106

State Certified Water Quality  
Laboratory # 139

## REPORT OF ANALYSIS

Tim Shotzberger  
Home Land Septics  
308 Liberty Road  
Baltimore, MD 21221

Lab Number: 78935  
Date Received: 8/6/08 14:00  
Project: HO-95-0753

Sample No: 78935-01      Sampled: 8/5/2008 2:00:00 PM  
Client ID: Toll Brothers-  
Edgewppd Farm @ the  
Reserve @ Triadelphia  
Crossing, Lot #1  
Gelenlg, MD      Sampler: 8065TS Shotzberger

Sample Point: Master Bath

Parameter	Method	Result	Units	MDL	Test Date	Analyst
Bacteria-Total Coliform	SM 9223	Absent/PASS	Per/100ml	1	8/6/2008	LH
Clarity	Visual	Clear			8/6/2008	
Nitrate + Nitrite as N	EPA 353.2	6.23	mg/l	0.05	8/8/2008	PM
Sand	Visual	0	g/L		8/6/2008	
Turbidity	EPA 180.1	< 0.5	NTU	0.5	8/8/2008	PM
Bacteria-E.coli	SM 9223	Absent/PASS	Per/100ml	1	8/6/2008	LH
Nitrite-N	EPA 353.2	< 0.05	mg/l	0.05	8/8/2008	PM
Nitrate-N	EPA 353.2	6.23	mg/l	0.05	8/8/2008	PM

**Notes:**

- 78935-01 Maximum Contaminate Level in Drinking Water for Nitrate+Nitrite is 10.0 mg/L, Nitrate-N 10.0 mg/L and Nitrite-N 1.0 mg/L as established by the US EPA.
- 78935-01 No chlorine present at the time of collection as reported by the sample collector.

Reviewed and Approved by:

Daniel J. Brumsted  
Laboratory Director