

7178 Columbia Gateway Drive, Columbia Maryland 21046  
(410) 313-1771 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

March 13, 2006

Toll Brothers, Inc.  
7164 Columbia Gateway Drive, #230  
Columbia, MD 21046

RE: Triadelphia Crossing, Lot 7  
14314 Roxbury Lake Drive  
Glenelg, MD 21737  
BP #: B00153893  
Well Permit # HO-94-4133

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 12/05/2005. Final approval of the well line connection to the dwelling was approved on 11/08/2005.**

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.

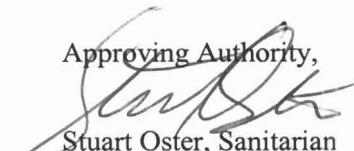
#### INTERIM CERTIFICATE OF POTABILITY

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-94-4133. 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: 03/08/2006 & 03/10/2006  
Date of Well Completion: 04/20/2005

Approving Authority,



Stuart Oster, Sanitarian  
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 #: 58442  
Reference: Toll Brothers Lot 7  
Location: 14314 Roxbury Lake Drive  
Glenelg, MD 21737  
Date/Time Collected: 3/10/2006 1030  
Date/Time Rec'd: 3/10/2006 1415  
Chlorine ppm: Free: ND Total: ND  
Collected By: V.M. Fadoul 6804VF-FS  
Account #: 1930  
Company: Fogle's Well Drilling  
Requested By: Dave Fogle  
Source: Well Water  
Site: Kitchen Sink Tap  
Treatment: None  
pH: 6.2  
Well #: HO-94-4133

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYS
Turbidity	0.91	NTU	<10	SM18 2130B	3/10/2006 / 1520 / AMD/BCD

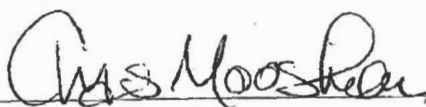
**NOTES**

- 1 NTU = Nephelometric Turbidity Units
- 2 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 3 ND:None Detected
- 4 Sample collected by client, analyzed as received
- 5 pH and Chlorine level tested in lab

Reason for Test : Use & Occupancy  
Building Permit # : 153893

Date Reported: 3/13/2006

Laboratory Director:



Charles Mooshian, B.S., M.T.

MD State Certification # 133

**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 #: 58426  
 Reference: Toll Brothers Lot 7  
 Location: 14314 Roxbury Lake Drive  
 Glenelg, MD 21737  
 Date/ Time Collected: 3/8/2006 0900  
 Date/Time Rec'd: 3/8/2006 1420  
 Chlorine ppm: Free: ND Total: ND  
 Collected By: V.M. Fadoul 6804VF-FS  
 Account #: 1930  
 Company: Fogle's Well Drilling  
 Requested By: Dave Fogle  
 Source: Well Water  
 Site: Kitchen Sink Tap  
 Treatment: None  
 pH: 6.1  
 Well #: HO-94-4133

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223 B.	3/9/2006 / 0835 / AMD/BCD
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223 B.	3/9/2006 / 0835 / AMD/BCD
Nitrate	6.10	mg/L	10	601	3/9/2006 / 0900 / BCD
Turbidity	23.3	NTU	<10	SM18 2130B	3/9/2006 / 0931 / AMD/BCD
Sand	NS	mg/L	5	Visual/Gravimetric	3/9/2006 / 0931 / AMD/BCD

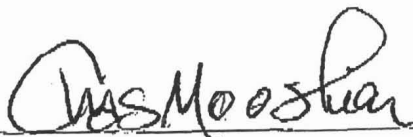
**NOTES:**

- 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 pH and Chlorine level tested in lab
- 8 Sample collected by client, analyzed as received

Reason for Test : Use & Occupancy  
 Building Permit # : 153893

Date Reported: 3/9/2006

Laboratory Director:



Charles Mooshian, B.S., M.T.

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LAYOUT \_\_\_\_\_ INSP 4 \_\_\_\_\_  
INSP 2 \_\_\_\_\_ INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 11/17/2005

APPROVAL DATE: 12/5/06

# PERMIT

04-369122  
TAX ID #04-369122

P 523678

A 514193-G

## ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

Fogles Septic Clean, Inc

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 580 Obrecht Road

PHONE NUMBER: 410-795-5670

SUBDIVISION: Triadelphia Crossing

LOT NUMBER: 7

ADDRESS: 14314 Roxbury Lake Drive

PROPERTY OWNER: Toll Bros., Inc.

SEPTIC TANK CAPACITY (GALLONS): 1500

OUTLET BAFFLE FILTER REQUIRED ☐

PUMP CHAMBER CAPACITY (GALLONS): 1500

COMPARTMENTED TANK REQUIRED ☒

NUMBER OF BEDROOMS: 5

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 126

HOUSE SERVED BY PUBLIC WATER ☐

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 4.0 feet of stone below distribution pipe. <u>4' sidewalk - or</u>
LOCATION:	Place the distribution box in the highest elevation of the approved SDA and still be able to maintain 40' trench.
NOTES:	<u>Ensure tanks NOT IN SWALE / DRAINAGE</u> <u>pathway</u>

PLANS APPROVED:

Kevin J. Bell Reviewed by: KN

DATE: 6/5/2005

NOTES: PERMIT VOID AFTER 2 YEARS

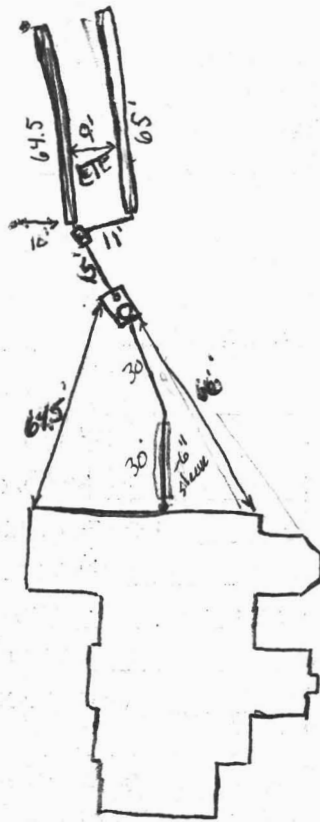
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
WATERTIGHT SEPTIC TANKS REQUIRED

ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS  
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM  
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
ALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
<u>3</u>	<u>4</u>	<u>8</u>
NUMBER OF TRENCHES <u>2</u>		
TOTAL LENGTH <u>129.5</u>		
ABSORPTION AREA <u>518sf</u>		
DISTRIBUTION BOX LEVEL <u>yes</u>		
DISTRIBUTION BOX BAFFLE <u>yes</u>		
DISTRIBUTION BOX PORT <u>yes</u>		

SEPTIC TANK DATA		
SEPTIC TANK 1 LEVEL <u>yes</u>		
CAPACITY	<u>1500</u>	GAL
SEAM LOC	<u>Top</u>	
TANK LID DEPTH	<u>2'</u>	
BAFFLES	<u>yes 4</u>	
BAFFLE FILTER	<u>No</u>	
MANHOLE LOC	<u>Inlet</u>	
6" PORT LOC	<u>Outlet</u>	
WATERTIGHT TEST	<u>No</u>	
<del>SEPTIC TANK 2 LEVEL</del>		
<del>CAPACITY</del>	<del></del>	<del>GAL</del>
<del>SEAM LOC</del>	<del></del>	
<del>TANK LID DEPTH</del>	<del></del>	
<del>BAFFLES</del>	<del></del>	
<del>BAFFLE FILTER</del>	<del></del>	
<del>MANHOLE LOC</del>	<del></del>	
<del>6" PORT LOC</del>	<del></del>	
<del>WATERTIGHT TEST</del>	<del></del>	

PRE-CONSTRUCTION 11/28/05 Run 2 x 63' trenches along top of easement per plan  
 OK to move first trench downhill ~ 10' to make gravity & contour. (GAC)  
 INSTALLATION 12/1/05 Tank and trenches installed. System is  
 gravity. Both trenches on contour 1st trench starts ~ 10' below  
 Septic Area Corner stake and follows contour to far top easement stake. (GAC)  
 OK to Cover.

FINAL INSPECTOR Gabriel A. Coughlin DATE OF APPROVAL 12/5/05