

COUNTY

EMERGENCY/TEMP NO. IF ANY STATE PERMIT NUMBER SEQUENCE NO STATE OF MARYLAND B (MDE USE ONLY) APPLICATION FOR PERMIT TO DRILL WELL 95please type 79 fill in this form completely Date Received (APA) LOCATION OF WELL B 3 DWOOLC OWNER INFORMATION 8 COUNTY 21 23 SUBDIVISION , Juc. Brothers First Name Last Name 34 42 15 230 Gateway 71104 Didmulo SECTION L LOT I Street or RFD 55 11 IGEKSUIL Z10410 State 72 MD olumbia 71 Town 70 Zip 76 52 NEAREST TOWN DRILLER INFORMATION MILES FROM TOWN (enter 0 if in town) 76 77 78 D355 MO nichael Barlow B 4 Driller's Name License No. 81 verc 2 Nichael Barlow Well Drilling DIRECTION OF WELL FROM VUC NEAR WHAT ROAD TOWN (CIRCLE BOX) Firm Name 30 NORTH MD 21014 N BOUD 522 underwood ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): N N_E W Address W 32 E 201 0 STSTEAST Signature W 34 Date TOW Ε 37 SOUTH 2 В WELL INFORMATION DISTANCE FROM ROAD 5 APPROX. PUMPING RATE ENTER FT OR MI 38 39 (GAL. PER MIN.) 12 w PARCEL 500 S AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) TAX MAP BLK 20 14 NOT TO BE FILLED IN BY DRILLER USE FOR WATER (CIRCLE APPROPRIATE BOX) HEALTH DEPARTMENT APPROVAL DOMESTIC POTABLE SUPPLY & RESIDENTIAL D RRIGATION NAME COUNTY NO COUNTY FARMING (LIVESTOCK WATERING & AGRICULTURAL F IRRIGATION STATE SIGNATURE INSERT S 22 INDUSTRIAL, COMMERICIAL, DEWATERING 1 DATE ISSUED 200 Ρ PUBLIC WATER SUPPLY WELL 43 MM 00 48 CO SIGNATURE 8: Т TEST, OBSERVATION, MONITORING EAST GRID NORTH 000 000 GRID G 0 GEO-THERMAL 50 11/23/05 9:30 an SHOW MAJOR FEATURES OF 250 BOX & LOCATE WELL ' APPROXIMATE DEPTH OF WELL J FEET WITH AN X 28 7:30 3 hr yield SOURCES OF DRILLING WATER NEAREST 0 APPROXIMATE DIAMETER OF WELL INCH 1 2 METHOD OF DRILLING (circle one) 3 BORED (or Augered) JETTED Jetted & DRIVEN 30 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary) WRITE THE BOX NUMBER 37 CABLE **REVerse-ROTary** DRive-POINT FROM THE MAP HERE other F REPLACEMENT OR DEEPENED WELLS 000 (CIRCLE APPROPRIATE BOX) THIS WELL WILL NOT REPLACE AN EXISTING WELL N THIS WELL WILL REPLACE A WELL THAT WILL BE DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN Y RELATION TO NEARBY TOWNS AND ROADS AND GIVE ABANDONED AND SEALED DISTANCE FROM WELL TO NEAREST ROAD JUNCTION THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS S 39 D THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED N (IF AVAILABLE) 41 52 Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER PERMIT NO SPECIAL CONDITIONS 3 USE SEPARATE SHEET IF NEEDED



MICHAEL BARLOW WELL DRILLING & SERVICE, INC.

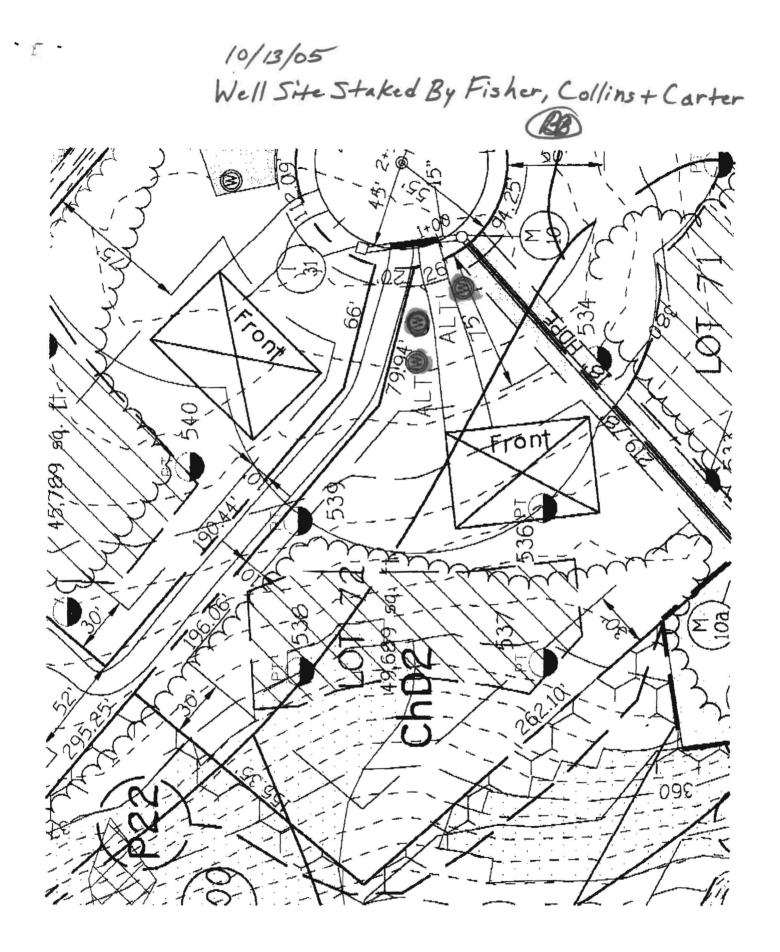
522 Underwood lane (410) 838-6910

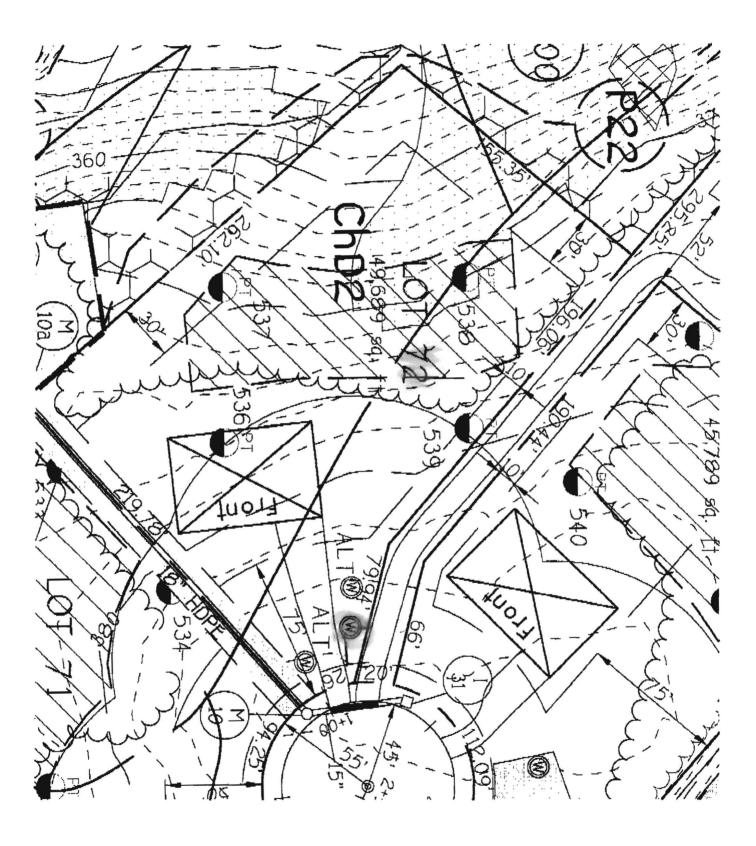
Bel Air, Maryland 21014 Fax (410) 838-3582

WELL YIELD REPORT

	Date Test Completed:		November 23, 2005
	Well Depth:	200	feet
Customer	TOLL BROTHERS, INC.	Permit #	HO-95-0141
Road	RIVER CROSSING COURT	Subdivision	BENEDICT FARM
City	ELLICOTT CITY	Section	
State	MARYLAND	Lot #	72

Time	Water Level feet	Time to Fill 1-gallon bucket seconds	G.P.M.
8:00 AM	37	3	20.00
8:15 AM	68	3	20.00
8:30 AM	86	3	20.00
8:45 AM	92	5	12.00
9:00 AM	92	5	12.00
9:15 AM	92	5	12.00
9:30 AM	92	5	12.00
9:45 AM	92	5	12.00
10:00 AM	92	5	12.00
10:15 AM	92	5	12.00
10:30 AM	92	5	12.00
10:45 AM	92	5	12.00
11:00 AM	92	5	12.00
11:15 AM	92	5	12.00
11:30 AM	92	5	12.00
11:45 AM	92	5	12.00





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

inspection. No with the Nati	work is to be covered un onal Standard Plumbing	til approved by the Health Code (NSPC, as amended	n prior to 9 am on the day of the de n Department. All installations mus d locally) <u>and</u> COMAR 26.04.04 (MI uired prior to Use and Occupancy a	t comply) Well
Company Name		Telephone	#:	
nuuress.				
		Licensed Well Driller ble for the field installation:		
Name (Print):	······		License#	
*A licensed indi	ividual must perform the	e actual installation. App	rentices must be under the direct	
supervision of a subjected to fiel	licensed journeyman or	master plumber, pump in	staller or well driller. Licenses ma	y be
Name of Propert	Oumer:	Teleph	one #:	
Subdivision		Lot #:	72 Well Tag # (HO - <u>95 - 01 -</u>	π
Site Address:	RIPPIVerros	sing Ct	I de la	- /
	Off program	strig st.		
Submersible Pu	mp Data	Pitless Adapter	Well Cap and Electric Conduit	÷
Make:		Make: Model#:	Two piece watertight cap:	
Model #:		Model#:	Screened, vented well cap:	
Pump Capacity	GPM	Depth: (36" min)	Two piece watertight cap: Screened, vented well cap: Cap secured to casing:	
Well Yield:	_GPM 1	NSF approved: o installation:(feet)	Conduit min 18" B.G.:	
Depth of well en	countered at time of pump	installation:(feet)	Conduit secured to well cap:	
			nired by NSPC 1990 Section 17.8.4	
	or Cable guards are require			
Safety rope, if u	sed, attached to inside of	f well casing with eye bolt		
Piping to house		House Connection		
Type: PSI:(160]			ed soil at wall penetration:	
PSI:(160]	psi min)	Approximate length of sle	eeve (5 foot minimum):	
Depth of supply	line:(36" min)	Sleeve caulked and sealed	d properly:	
	, drainfields, and sewage		ptic tank, pump chamber, sewage p not be accomplished, contact this of	
Signature of com	pany representative respo	nsible for installation	date	
	For Health Departs	ment Use Only - Not to be	completed by Installer	
			21 1	
Date Insp. Reque		Date Insp. Ap		
Inspection Data:		supply line at least 36" belo		
		and attached to casing secur		
		least 18" below grade/attach	to cap properly	
	Safety rope installed insi			
		l properly and casing 8" abo d adequately at house conne		¥
	Adequate grout observed			
	racquare groat coscived	oolow philoss adaptor		



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

Maura Rossman, M.D., Health Officer

October 10, 2013

Toll Brothers Inc. Toll MD III Limited Partnership 7164 Columbia Gateway Drive Columbia, Maryland 21046

> RE: Homewood Crossing Lot 72 4804 River Crossing Court Well Tag: HO - 95 - 2504

To Whom it May Concern:

A sample was collected during a yield test on March 28, 2013 and submitted to the Department of Health & Mental Hygiene Laboratories to assess the possible presence of **Gross Alpha** and **Gross Beta** in the future well water supply. **Gross Alpha** and **Gross Beta** measure the total alpha and beta particle activity in a water supply. These naturally occurring radioactive nuclides have been demonstrated to be present in a certain type of geologic formation known as the Baltimore Gneiss which exists in your area of development within the County.

Results from this screening revealed a Gross Alpha of 2.6 ± 1.3 picocuries/liter (pCi/L), while the Gross Beta level was 5.7 ± 1.9 pCi/L. The Gross Alpha result was below its maximum contaminant level (MCL) of 15 pCi/L, while the Gross Beta level was below its targeted value of 50 pCi/L (roughly equivalent to the annual dose rate of 4 millirems/year).

At the time of testing and with respect to these parameters, the future well water supply meets EPA regulatory standards. Additional testing **for these parameters** will not be required to secure the future Use & Occupancy. **Please note** that other standard testing parameters (bacteria, nitrate, turbidity and sand) will still be required to help secure Use & Occupancy.

A copy of the test results is enclosed for your information. Please call this office at **410-313-1773** if you have any further questions.

Sincerely,

Bert Nixon, Director Bureau of Environmental Health

Enclosure cc: Well & Septic property file

	eway Drive	201	State of Ma DHMH - Laboratorie Division of Environ RADIATION LA 1 W. Preston Street, Baltin John M. DeBoy, I	es Administration mental Chemistry BORATORY	002145	28 2
		LAB	ORATORY ANA	LYSIS REQUES	ST	
ample Bottle	No. A: HC.2	504 No.	B: F	ield Blank Bottle N	10. 1: HC0000	No B:
	ne: "Home we	1	a" Lot 72	Bonte Bontle be	ounty: How	and
ample Source				Location: H0-	95-250-	nk, sample tap, etc.)
County:] 3]	Plant No.	Fillicati City			
Drinking Wate Landfill Stream Other		Community Non-commun Private Other	nity C SE	Source (raw water) Distribution (treated) MCL	Emerg Routin Reche Specia	e 127 ck 🗆
Collector:	R. Rappe	port		Telephone No.: _	410-313.	1781
	: 3/28/17	0	道法 ~	Time Collected:		n. 12:00 p.
		 No [All of the Company Sector	Iced: Yes 🕅	No 🗍	I
litric Acid Pr ubmitters Co	de:	Federal Pro	oject: S F	ield Data:		hlorine
ubmitters Co Remarks:			ser C.	phield test		
ubmitters Co Remarks:	ode:	PLE - Tat EPA Code	Laboratory No.	pH figid -to St Results (pCi/L)	C Date Analyzed	Date Reported
ubmitters Co Remarks:	ode:	ple tat	Laboratory No.	pH field to St Results (pCi/L) 2.6 ± 1.3		
ubmitters Co Remarks: Gross Alp Gross Bet Radon-22	ode:	<u>EPA Code</u> 4000 4100	Laboratory No.	pH figid -to St Results (pCi/L)	Date Analyzed	Date Reported
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ubmitters Co Remarks:	ode:	EPA Code 4000 4100 4004 4004 4004	Laboratory No.	pH field to St Results (pCi/L) 2.6 ± 1.3	Date Analyzed	Date Reported
ubmitters Co Remarks:	ode:	EPA Code 4000 4100 4004 4004 4004	Laboratory No.	pH field to St Results (pCi/L) 2.6 ± 1.3	Date Analyzed	Date Reported
ubmitters Co Remarks:	ode:	EPA Code 4000 4100 4004 4004 4004 4004	Laboratory No.	pH field to St Results (pCi/L) 2.6 ± 1.3	Date Analyzed	Date Reported
ubmitters Co Remarks: ✓ Gross Alp ✓ Gross Bet Radon-22 <i>Bottle A</i> Radon-22 <i>Bottle B</i> Field Blan Field Blan Field Blan Ra − 226	ode:	EPA Code 4000 4100 4004 4004 4004 4004 4004 4004	Laboratory No.	pH figld + 0 S + 10	Date Analyzed	Date Reported
ubmitters Co Remarks:	ode:	EPA Code 4000 4100 4004 4004 4004 4004 4004 4004 4020 4030	Laboratory No.	pH figld + 0 S + 10	Date Analyzed	Date Reported
ubmitters Co Remarks:	ode:	EPA Code 4000 4100 4004 4004 4004 4004 4004 4004 4020 4030	Laboratory No.	pH figld + 0 S + 10	Date Analyzed	Date Reported
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FOI DHI

Send Report To:	State of Maryland DHMH - Laboratories Administration	a state of the second second
Bert Nixon Howard County Health Department Bureau of Environmental Health 71 78 Columbia Gateway Drive Columbia, Maryland 21046	Division of Environmental Chemistry RADIATION LABORATORY 201 W. Preston Street, Baltimore, Maryland 21201 John M. DeBoy, Dr. P. H., Director	E002

LABORATORY ANALYSIS REQUEST

144 2282

Sample Bottle No. A:	No.	B: Fi	ield Blank Bottle N	0. 1: HC 0000	No B:
Plant/Site Name: Field	Blank	HCHD	Co	ounty: How	lard
Sample Source:	Ned HZO		Location:	(well no, lab sin	nk, sample tap, etc.)
County: 1 3 CHECK (one per box)	Plant No.				
Drinking Water Landfill Drinking Water Drinking Wat	Community Non-commun Private Other	nity	Source (raw water) Distribution (treated) MCL	Emerg Routir Reche Specia	ie P ck D
Collector: <u>R. Roppor</u> Date Collected: <u>3/25/</u>)	<u></u>	Telephone No.:	410-313 a.n	n p.m.
Nitric Acid Preserved: Yes	5 🕅 No [Iced: Yes 🖾	No 🗌	1:00
Submitters Code:	Federal Pro		ield Data:		Chlorine
✓ Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Analyzed	Date Reported

1	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Analyzed	Date Reported
1	Gross Alpha	4000	2144	<2.0	03/31/13	04/01/13
1	Gross Beta	4100	2144	< 4.0	4	
12	Radon-222 Bottle A	4004			的 是一些"这些时候"。	
	Radon-222 Bottle B	4004				
	Field Blank #A	4004	24-24-21	1 1 4 1 1 1		
2	Field Blank #B	4004			11	and the particular
-	Tritium					0
	Ra – 226	4020		-	CEVED	6
51	Ra - 228	4030		151		
	Total Uranium	4006		The second second	£100 0	242
				- In Statistics	Ybb 0 0 5010	
		Sec. Address			COUNTVIENDE	EPT.
		2 20 2	in terior	HOWAS	A STREET BOOM	and detailed

Date Received: 63/ 28/13

BUREAU OF ENVIRONM

FORM REVISED 10/07 DHMH 4540 10/07

Supervisor:

•Tel. No.: (410) 767 - 5537 •Fax No: (410) 333- 5373

CUSTOMER COPY I

Invoice

Bureau of Environmental Health Attn: Bert Nixon, Director

Howard County Health Department

die

DATE: APRIL 25, 2013 DATES OF SERVICE: MARCH 27 & 28, 2010 INVOICE #: 2013-008

7178 Columbia Gateway Drive, Columbia , MD 21046-2147 Phone 410-313-2640 Fax 410-313-2648 www.hchealth.org

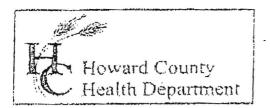
BILL Toll MD III Limited Partnership TO 7164Columbia Gateway Drive Columbia, Maryland 21046 COMMENTS Payment due upon receipt. Letter and results will be released upon receipt of payment.

DATE	DESCRIPTION	BALANCE	AMOUNT
03/27/2013	Gross alpha/beta testing performed for Homewood Crossing Lot # 73 HO - 95 - 2465		\$45.00
03/28/2013	Gross alpha/beta testing performed for Homewood Crossing Lot # 72 HO - 95 - 2504		\$45.00
			AMOUNT DUE
			\$90.00

Please detach and return with payment.

REMITTANCE	
Invoice #	2013-008
Site Information	Homewood Crossing Lots 72 and 73
Amount Due	\$90.00
Amount Enclosed	

Make all checks payable to: The Director of Finance



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

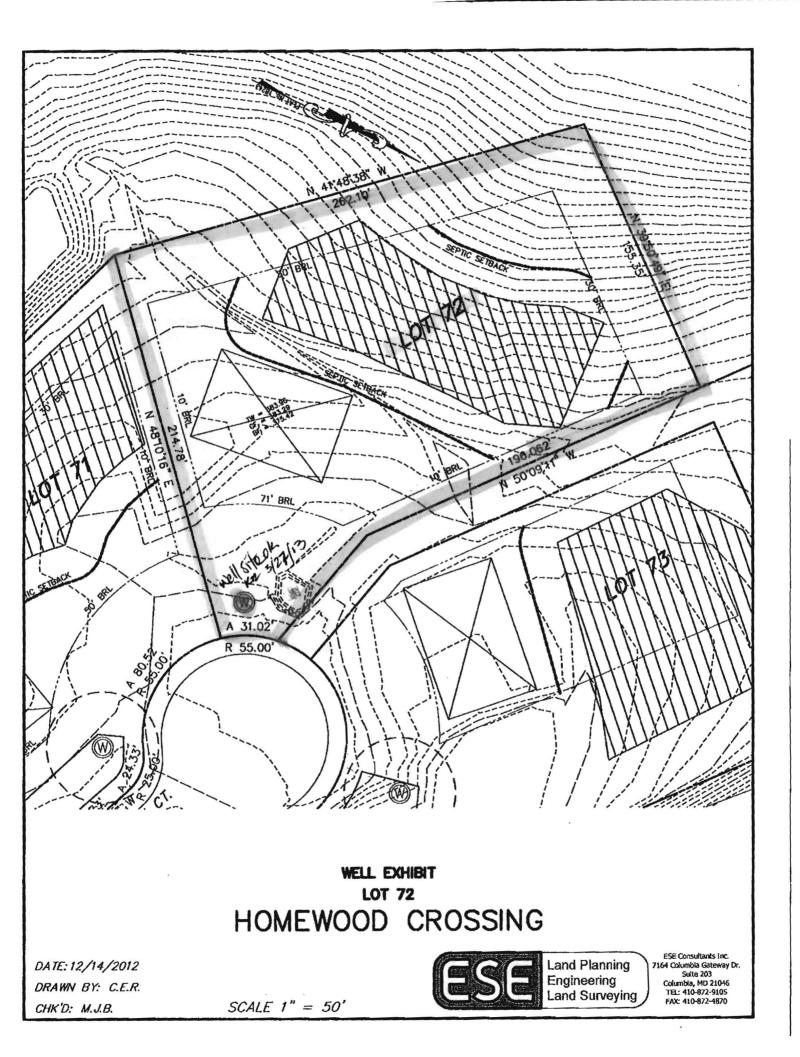
TO ALL INTERESTED PARTIES

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 <u>ESE Conceptor</u> (professional land surveyor or company employing professional land surveyors) on <u>12-10-12</u> (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



Send Report To: Berl Nixon

Areau of Environmental Health 7178 Columbia Gateway Drive Columbia, Maryland 21046 State of Maryland DHMH - Laboratories Administration Division of Environmental Chemistry ENVIRONMENTAL METALS SECTION 201 W. Preston Street, Baltimore, Maryland 21201

1

E13004865001 Received: 03/28/2013 Metals HC 2504

LABORATORY ANALYSIS REQUEST Please Print

Sample ID No: _	HC 250H Site Name: Ho	Mewhood Crossing	Lot 72 County:	Howard
Sample Source:	4811 Rivercrossing G., E Street	Town or City	Collector:	.Rappaport
Date Collected:	<u>3 / 28 /20 3</u> Time Col	llected:a.r	n. <u>12</u> p.m. Phone	#:410-313-1781
Sample Preserve	d By: D Field Preservative Used: D HN	D3 HNO3	CAY	□ Central Lab
Sample Type:	 Drinking Water Community Non-Community Private 	□ Landfill □ Stream	Source (Raw Water Distribution (Treate Other	· •
Specify Program	: SDWA 🗆 NPDES 🗆 CV	VA 🗆 RCRA 🗆	Consumer Products	Other
	Preparation: I Total Metals Sample taken at	1	TCLP Dissolved M (field preparation	

-	Element	Results (ppm)	1	Element	Results (ppm)
	Antimony (Sb)		-	Copper (Cu)	
	Arsenic (As)	C. Laward C.		Lead (Pb)	
	Barium (Ba)			Silver (Ag)	
	Beryllium (Be)			Zinc (Zn)	
	Cadmium (Cd)		1	Aluminum (Al)	
	Chromium (Cr)			Iron (Fe)	
	Mercury (Hg)		110-1	Manganese (Mn)	
	Nickel (Ni)			Calcium (Ca)	
1	Selenium (Se)			Magnesium (Mg)	RECEN
~	Sodium (Na)	7.3		Potassium (K)	1
	Thallium (Tl)		-	Uranium (U)	
					APR 2 3 2013

Lab Supervisor:

• Fax: (410) 333 - 5122

DHMH 4432 (7/10)

• Phone: (410) 767 – 6186



State of Maryland DHMH-Laboratories Administration Division of Environmental Chemistry TRACE METALS LABORATORY 201 W. Preston Street, Baltimore, Maryland 21201 Robert Myers, Ph.D., Director

Certificate of Analysis

HOWARD CO ENVIRONMENTAL HLTH 7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MD 21046

Lab Project No:	E13004865	Date Coll.: 03/28/2013	Date Received:03/28/2013	Submitted By:	RAPPAPORT
Field ID: HC 25 Lab No.: E1300					
Method	Element		Result	Units	Date Analyzed
EPA 200.7	Sodium		7.34	ppm	04/17/2013

Approved by: Jaiju Loei	Approval date: 04/19/2013		
	BUREAU OF ENVIRONM		
	HOWARD COUNTY HEAT TO DO I		
<u>Comments:</u>	APR 2 3 2013		
	RECEIVED		
	and the second se		

This document contains confidential health information that is privileged, confidential and exempt from disclosure under law. If you have received this information in error, please call (410) 767-6944 and arrange for return or destruction.

areau of 1	nvironmental Health P.O. Box 23 nbia Gateway Drive Robert	oratories Administ. 201 W. Preston St 355, Baltimore, Mar A. Myers, Ph. D., ATER ANALY	ryland 21203 Director	E13004822002 Received: 03/28/2013 Inorganic HC 2504
	ed: Date 3 28 13 Time 12 pr K (one per box) ng Water Community Non-community	Collector & Collector & Phone Source (raw Distribution MCL	np. 1	County Code 13 Data Category Code 4 F Code 4 F Code 4 F Code 4 F Code 5 Federal 5 Federal 5 Federal 5
Plant PH PH	No. Sampling Station Chlorine: Free to Lab/Remarks: Sample taken	D Total	Preservation:	Ived Acid Type of Acid Acid Specific Image: Conductance
CHECK	TESTS	Error	1 25.0	RESULTS
TESTS		Code	1	RESCEITS
	Alkalinity (Total) Ammonia - N			
	Chloride	Charles	1210 10	
~	Conductance*,Spec.		Provide State	
~	Dissolved Solids		1	
	Hardness		+	
	Fluoride			
	Nitrate, N		1	
	Nitrate - Nitrite, N			
	Sulfate			
	Total Solids		-	
	Turbidity*			
	Other:			
			F	
				RECEIS
			1.0	Exercities :
				al a l'i
				APR 1 5 2013
* Rest Numł	ults reported in Units, all others in milligrams p	er liter (ppm)		APR 1 5 2013 HOWARD COUNTY DESILTE ETT. BUR Date of Environmental Case 1

The factor

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SUBMITTER'S COPY



State of Maryland DHMH-Laboratories Administration Division of Environmental Chemistry INORGANICS ANALYTICAL LABORATORY 201 W. Preston Street, Baltimore, Maryland 21201 Robert Myers, Ph.D., Director

Certificate of Analysis

HOWARD CO ENVIRONMENTAL HLTH 7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MD 21046

Lab Project NoE13004822 Date Coll. 03/28/2013 Date Received: 03/28/2013 Submitted By: R. Rappaport

Field ID: HC 2504 Lab No.: E13004822002				
Analyte	Method	Result	Units	Date Analyzed
Chloride	SM 4500-CI E	<10	mg/L	03/29/2013
Total Dissolved Solids	SM 2540C	160	mg/L	04/02/2013

Comments:

Approved by: Anahlen andi	Approval date: 04/09/2013
	BUREAU OF ENVIRON
	HOWARD COMMA
	APR 1 5 2013
	RECE"

This document contains confidential health information that is privileged, confidential and exempt from disclosure under law. If you have received this information in error, please call (410) 767-6190 and arrange for return or destruction.



Bureau of Environmental Health 7178 Columbia Gateway Drive, Columbia, MD 21046-2147 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

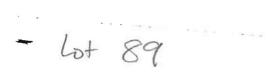
March 20, 2013

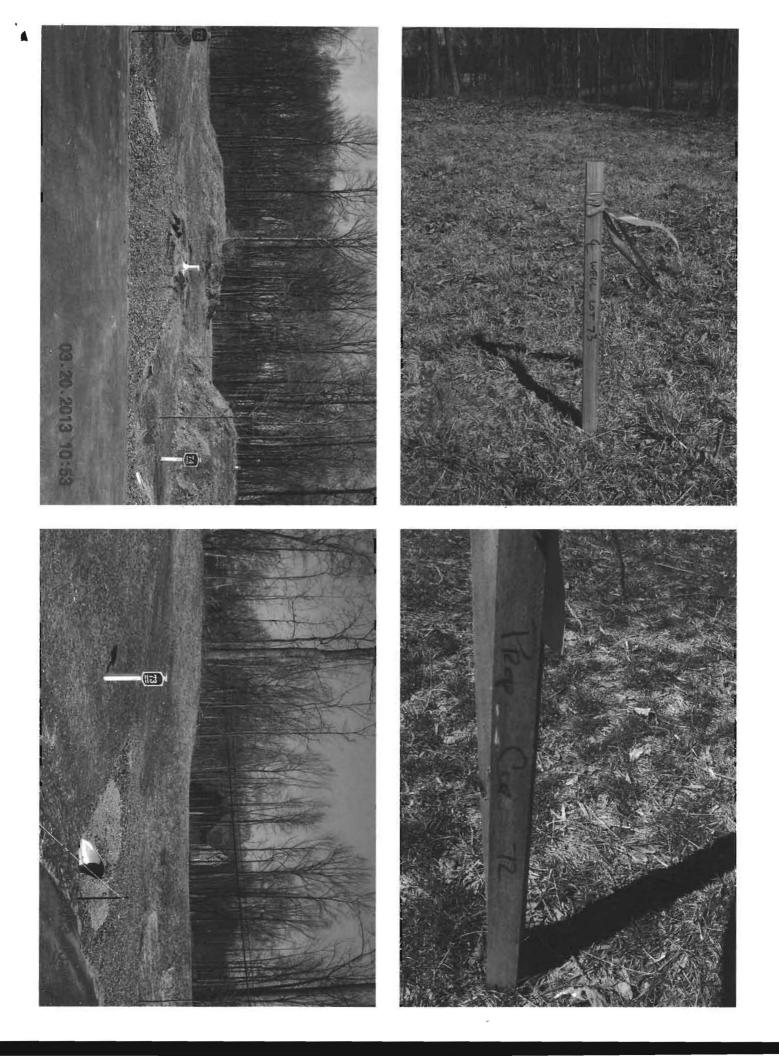
MEMO WITH PHOTOS FOR FILE

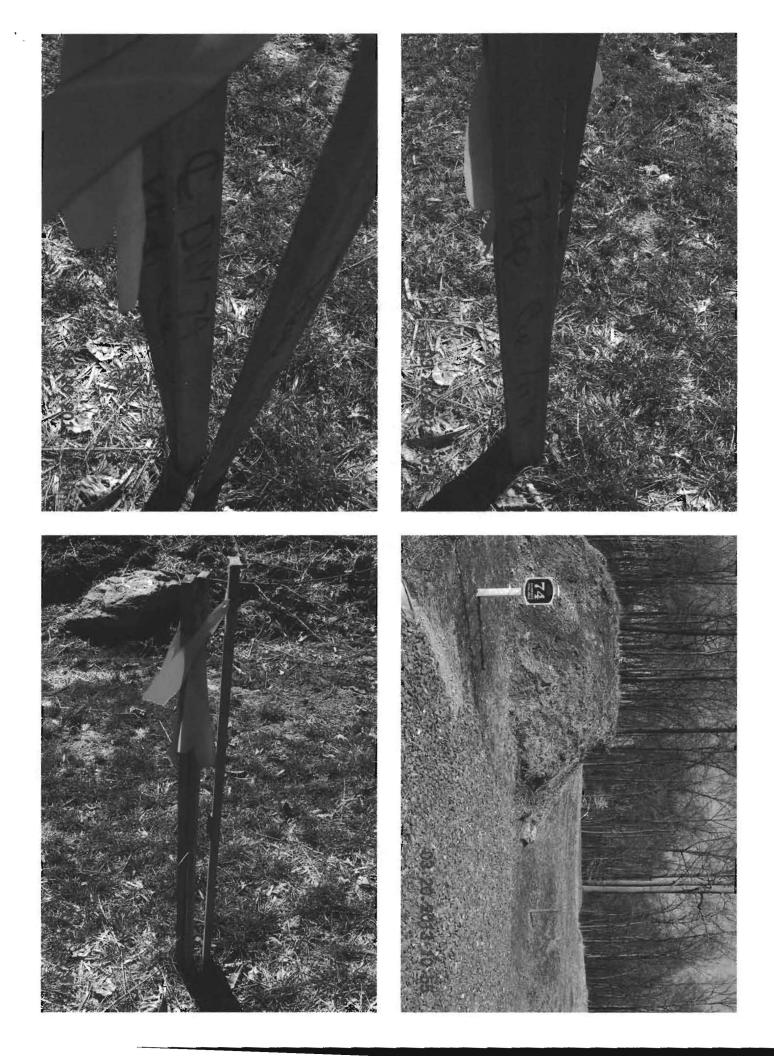
RE: Well Drilling at River Crossing Court, Lots 72, 73 and 74

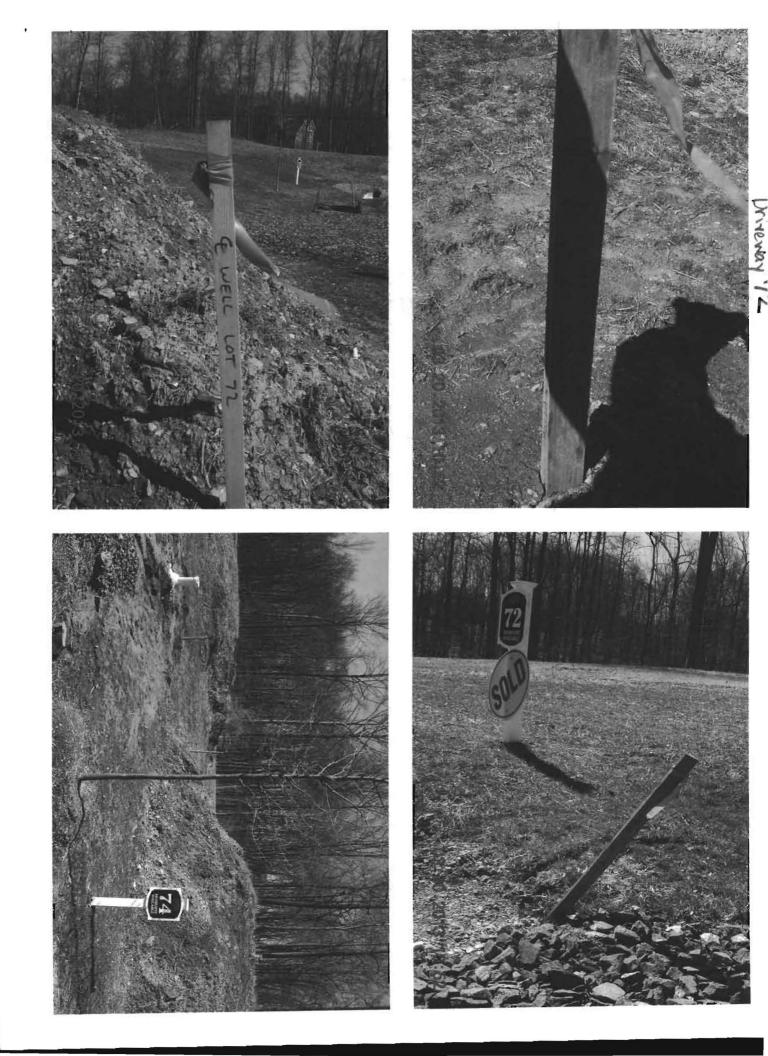
These photos which are attached were taken in an effort to document the separate Lots 72, 73 and 74 which are located at the cul-de-sac of River Crossing Ct. in Ellicott City. The photos provide a record that a secondary well was recently drilled on Lot 72, which has not yet been permitted. Also noted is the Lot 73 well stake where a well was permitted to be drilled but at this time has not yet been drilled.

Ryan Rappaport Howard County Health Dept Bureau of Environmental Health











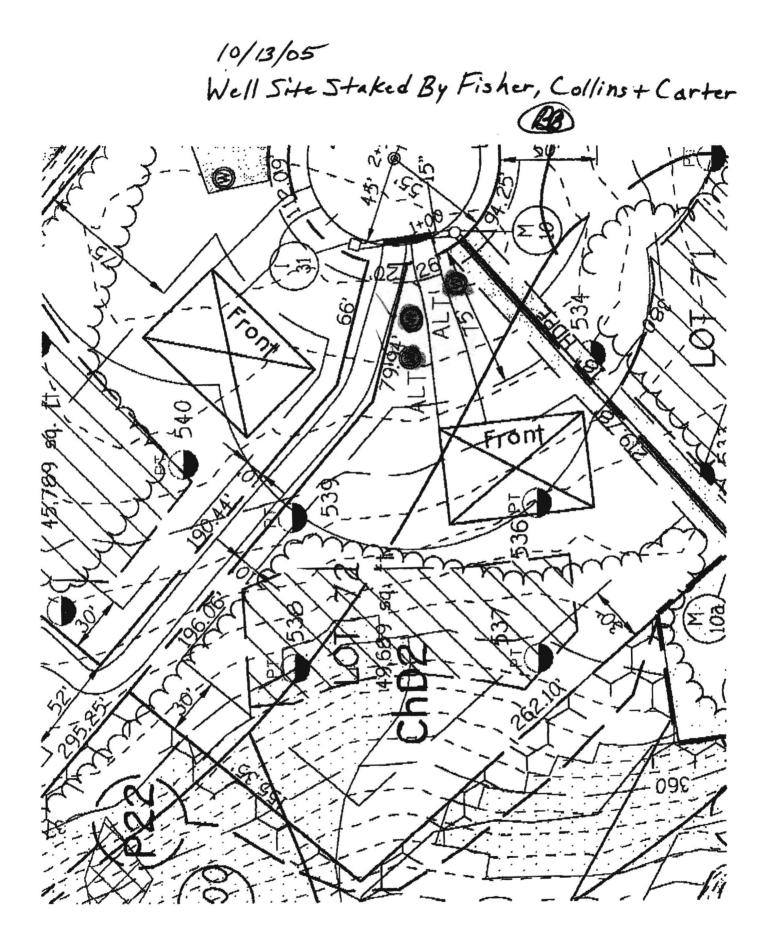


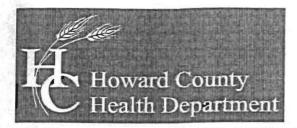






4811 River Crossing Ct - Lot 72 (6/12/2014)





Bureau of Environmental Health 7178 Columbia Gateway Drive, Columbia, MD 21046-2147 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

MEMORANDUM

- TO: Fogle's Well Drilling ATTN: Theresa Allen Compton MWD
- FROM: Kevin M. Wolf, R.S., R.E.H.S. Well and Septic Program Groundwater Management Section
- RE: Homewood Crossing Lots 70, 71, 73, 75, 76, 78, 79 Well Permit 472 Applications: Special Conditions

DATE: January 17th, 2013

The following comments apply to the above referenced Well Permit Applications. Please read through and complete as needed.

In order to preserve the quality of ground drinking water, a special condition has been set for the above referenced lots. This condition requires the driller to seal off the upper strata by placing a certain amount of casing to the approximate depth below the very first water-bearing fracture OR a minimum of 75 feet (which ever comes first). For example, if you hit a water-bearing fracture at 53 feet, then there should be at least 55 feet of casing or enough casing to get below that fracture. <u>Any deviations to this</u> <u>condition are to be prior approved by the Health Department.</u> This will also require sampling at the time of yield test for each well. Sampling will include but not limited to, total dissolved solids, chlorides and sodium.

Homewood Crossing Lots 70, 71, 73, 75, 76, 78, and 79 are located in the Radium area and require testing. This testing will be done during the yield test of each well on each indicated lot. When calling in yields and grouts on such pre-scheduled days, please make a note that a sanitarian will need to be present during the time of the yield test to take the recommended samples.

If you have any questions on this matter, please feel free to call me at any time at 410-313-2645.

KMW C.C. Files Lots 70, 71, 73, 75, 76, 78, and 79









3/15/13 · Site visit to confirm well site location and placement of stakes. Found one well which has been drilled and not growted located in the center of the proposed driveway Lot 72, also found well HO-95-0141 drilled and sealed on Lot 72 also. This well was permitted on 10/13/05 and now sits on top of a very graded hill, see photos **RESULTS OF REVIEW FOR FILE** DATE

FILE NOTES

FILE INQUIRY NOTES

DATE	RESULTS OF REVIEW FOR FILE
7/7/14	1 Site visit confined Suppor portion at abandonical well casily remared. Su
	County TOMOR, Gw