C 1 6929 SEQUENCE NO. (MDE, USE ONLY)	STATE OF MARYLAND	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)	WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE	COUNTY A 520 414		
ST/CO USE ONLY DATE WELL COMPL	ETED Depth of Well	PERMIT NO. FROM "PERMIT TO DRILL WELL"		
MM DD YY 7 253	20 22 3 40 26 (TO NEAREST FOOT)	28 29 30 31 32 33 34 35 36 37		
OWNER Windlester	Homes Inc			
SUBDIVISION RIVELWOOD P.	hase 2 SECTION_	LOT 68		
WELL LOG	GROUTING RECORD Yes, no	C 3		
Not required for driven wells  STATE THE KIND OF FORMATIONS PENETRATED, THEIR	WELL HAS BEEN GROUTED (Circle Appropriate Box)	PUMPING TEST		
COLOR, DEPTH, THICKNESS AND IF WATER BEARING DESCRIPTION (Use FEET check if water	TYPE OF GROUTING MATERIAL (Circle one)  CEMENT C M BENTONITE CLAY B C	HOURS PUMPED (nearest hour)		
additional sheets if needed) FROM TO bearing	NO. OF BAGS 46 9 NO. OF POUNDS 45 848/6	PUMPING RATE (gal. per min.)		
Sand 0 25 Gray Granite 25 340 V	GALLONS OF WATER	METHOD USED TO MEASURE PUMPING RATE Bucket		
Gray Granite 25 340 V	from 48 TOP 52 ft. to 54 BOTTOM 58 ft. (enter 0 if from surface)	WATER LEVEL (distance from land surface)		
	casing CASING RECORD	BEFORE PUMPING 50 ft.		
	types insert appropriate STT CO CONCRETE	WHEN PUMPING 6 ft.		
	code below PLASTIC OTHER	TYPE OF PUMP USED (for test)		
	MAIN Nominal diameter Total depth	A air P piston T turbine		
	CASING top (main) casing of main casing (nearest inch)! (nearest foot)	C centrifugal R rotary O (describe below)		
	60 61 63 64 66 70	J jet S submersible		
	E OTHER CASING (if used) A diameter depth (feet)	27 27		
	H inch from to	DRILLER INSTALLED PUMP YES NO		
	N G	(CIRCLE) (YES or NO) IF DRILLER INSTALLS PUMP, THIS SECTION		
	screen type SCREEN RECORD or open hole	MUST BE COMPLETED FOR ALL WELLS.  TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O)  29		
	insert STEEL BRASS OPEN	IN BOX 29.  CAPACITY:		
	code below PL OT	GALLONS PER MINUTE (to nearest gallon) 31 35		
	PLASTIC OTHER	PUMP HORSE POWER 37 41		
NUMBER OF UNSUCCESSFUL WELLS:	DEPTH (nearest ft.)	PUMP COLUMN LENGTH (nearest ft.)		
WELL HYDROFRACTURED Yes N	E 1 7 21 15 17 21	CASING HEIGHT (circle appropriate box and enter casing height)		
CIRCLE APPROPRIATE LETTER  A WELL WAS ABANDONED AND SEALED	C H 2 23 24 26 30 32 36	49 LAND SURFACE		
WHEN THIS WELL WAS COMPLETED  E ELECTRIC LOG OBTAINED	C 3 R 38 39 41 45 47 51	below ) (nearest) foot)		
P TEST WELL CONVERTED TO PRODUCTION WELL	E E SLOT SIZE 1 2 3	LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS		
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.	DIAMETER (NEAREST INCH) 56 60 from to	BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)		
DRILLERS LIC. NO. 1 M S D 0 24	GRAVEL PACK			
DRILLERS SIGNATURE & Mays	IN WELL DAILLED WAS FLOWING WELL INSERT F IN BOX 68 68	[		
(MUST MATCH SIGNATURE ON APPLICATION)  LIC. NO. 1 D	MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)	1500		
LIC. NO.1	T (E.R.O.S.) W Q	whithorn way &		
SITE SUPERVISOR (sign. of driller or journeyman	70	Whithorn w		
responsible for sitework if different from permittee)	CASING INDICATOR OTHER DATA  COUNTY			

DENKARAS

D 1 0070 SEQUENCE NO.	STATE OF	MARYLAND	STATE PERMIT NUMBER		
B 1 98 /8 (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL				
1 2 3	alama tima di 184 W		MO 15 0773		
	525693 pleas	se type	<sup>70</sup> fill in this form completely <sup>79</sup>		
Date Received (APA)		B 3	LOCATION OF WELL		
8 MM PD YY 13 OWNER INFOR	RMATION	8 COUNTY			
13 1 1 1 0		8 COUNTY	, 01 21		
15 Last Name Owner	First Name 34	23 SUBDIVISION	od Thase 2		
(A) C P . h l . D C		23 30601/15101	12		
36 Street or RFD	ule 800 55	SECTION 44 46	LOT 100 48 50		
Ball		2.1 -4	P+ 30		
57 Town 70 State	9 08 // 72 Zip 76	52 NEAREST TOWN	lely 71		
DRILLER INFORMATION		32 NEAREST 10111			
1 1 1	15 D = 011	MILES FROM TOWN (enter	r 0 if in town) 1		
Driller's Name 70	1 S D O 3 4 S License No. 81	B 4			
1. 11 m . 14.00	7 11	1 2	19.1.77		
Firm Name	Lulling -	DIRECTION OF WELL FROM TOWN (CIRCLE BOX)	11 NEAR WHAT ROAD 30		
15512 Ridge Rd MHC	7. Md gims	[N]	ON WHICH SIDE OF BOAD NORTH		
Address	enjina sini	NW 8 NE	ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)		
lough & Mayne	1.30-07	8-9	WEST S EAS		
Signature	Date	(TOWN) E	34 Z 5 37 SOUTH		
B 2 WELL INFORMATION	5	3 XX 8	DISTANCE FROM ROAD F 7		
1 2 APPROX. PUMPING RATE — (GAL. PER MIN.)		S.     S.	ENTER FT OR MI 38 39		
AVERAGE DAILY QUANTITY NEEDED	500	S <sub>W</sub>   S <sub>E</sub>   S   8-9	TAX MAP: 29 BLK: 3 PARCEL 20		
(GAL. PER DAY) 14	20	8	12. 经营业区 19. 文章 是一次 X - 12. A + 15. 其。		
USE FOR WATER (CIRCLE AP	PROPRIATE BOX)		BE FILLED IN BY DRILLER I DEPARTMENT APPROVAL		
DOMESTIC POTABLE SUPPLY & RESIDEN	ITIAL	// // //	TO A THOUSE		
IRRIGATION		Howard (	13 4520 414		
FARMING (LIVESTOCK WATERING & AGRI	CULTURAL	COUNTY NAME STATE	COUNTY NO.		
22 T INDUSTRIAL, COMMERICIAL, DEWATERIN	lG	SIGNATURE	INSERT S —		
		DATE ISSUED	11. 1/1/1/20 1.11.		
P PUBLIC WATER SUPPLY WELL		43 MM DD YY 48	CO SIGNATURE EXP. DATE		
T TEST, OBSERVATION, MONITORING		NORTH -	EAST _		
G GEO-THERMAL		GRID 5/3 U	0 0 GRID 6826 0 0 0 63		
		SHOW MAJOR FEATURES	OF I		
APPROXIMATE DEPTH OF WELL 30	O J FEET	BOX & LOCATE WELL '_	2/2-1		
24	28	WITH AN X	1/25/07		
APPROXIMATE DIAMETER OF WELL	6 NEAREST INCH	SOURCES OF DRILLING W			
	INCA	2.	Water Dample		
METHOD OF DRILLING	(circle one)	3.	SHORT I		
BORED (or Augered) JETTED	Jetted & DRIVEN		Cocuded		
	ROTARY (Hydraulic Rotary)	WRITE THE BOX NUMBER	2 .01		
37 CABLE REVerse-ROTary	DRive-POINT	FROM THE MAP HERE	During Gul		
other			1 000		
REPLACEMENT OR DEEPE	NED WELLS	E 829	oon Sest		
(CIRCLE APPROPRIATE	BOX)	1-10	- Ooo ( Zadum)		
THIS WELL WILL NOT REPLACE AN EXISTI		N 514	5		
THIS WELL WILL REPLACE A WELL THAT V ABANDONED AND SEALED	VILL BE	DRAW A SKETCH BELOW	SHOWING LOCATION OF WELL IN		
	WILL RELIGED	DISTANCE FROM WELL TO	O NEAREST ROAD JUNCTION		
39 S AS A STANDBY-CONTACT LOCAL APPROVI			SHOWING LOCATION OF WELL IN DWNS AND ROADS AND GIVE O NEAREST ROAD JUNCTION		
FOR POLICY ON STANDBY WELLS  THIS WELL WILL DEEPEN AN EXISTING WE			3		
D THIS WELL WILL DEEPEN AN EXISTING WE PERMIT NUMBER OF WELL TO BE REPLACED OF					
(IF AVAILABLE) 41	<b>-</b> 52	N	A spec Resident		
Not to be filled in his differ (AIDE OD C	OUNTY LICE ONLY	tuell	-31 Open Nun Ri		
Not to be filled in by driller (MDE OR Co		747	3		
APPROP. PERMIT NUMBER #2 200	24_GOO7	1	24		
		THE TY	orn way 31		
PERMIT No. 70 71 70	- 95 - 07/3 2 73 74 75 76 77 78 79	which			
SPECIAL CONDITIONS 4/	0 0 0 0 0 0 1 10 19				
SPECIAL CONDITIONS  NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SPECIAL REDPO :	KADIUM	SAMPLE			

### 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: NATIONAL WATER SUC Telephone #: 301-854-1353 Licensed Well Pump Installer (Must circle one) Licensed Plumber Licensed Well Driller License# PIOMS \*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: WINChes non Hmas Telephone #: 301-803. 4174 Subdivision: River woo Lot #: 68 Well Tag #: HO - 25 - 6713 Site Address: 1/220 Ellicott Well Cap and Electric Conduit Submersible Pump Data Pitless Adapter Make: Campbell Make: Two piece watertight cap: 🗠 Model#: PA Model #: 200 Screened, vented well cap: \_\_\_ Depth: 48" (36" min) Pump Capacity **GPM** Cap secured to casing: \_\_\_ Conduit min 18" B.G.; Well Yield: NSF approved: YES Conduit secured to well cap: \_\_\_\_ Depth of well encountered at time of pump installation: 400 (feet) 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 A House Connection Piping to house Type: /3/4\_\_\_ PVC sleeved to undisturbed soil at wall penetration: YES PSI: 160 (160 psi min) Approximate length of sleeve: 5 Depth of supply line: 4 (36" min) Sleeve caulked and 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 approvel phior to installation. Signature of company representative responsible for installation For Health Department Use Only - Not to be completed by Installer Date Insp. Requested: Date Insp. Approved: Inspection Data: Pitless adapter and water supply line at least 36" below grade Two piece cap installed and attached to easing 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

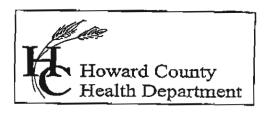
### HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

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:Address:	Telephone	#:
(Must circle one) Licensed Plumber License # and name of individual respo Name (Print):	nsible for the field installation:	License#
*A licensed individual must perform supervision of a licensed journeyman subjected to field verification.	or master plumber, pump in	staller or well driller. Licenses may be
Name of Property Owner:	Telepho	one #:
Subdivision: Riverwood	Lot #:	68 Well Tag # : HO - 95 - 0713
Site Address: 1220 White	horn Way	
Submersible Pump Data	Pitless Adapter	Well Cap and Electric Conduit
Make:	Make:	Two piece watertight cap:
Model #:	Model#:	Two piece watertight cap:  Screened, vented well cap:  Cap secured to casing:
Pump Capacity GPM	Depth: (36" min)	Cap secured to casing:
Well Yield: GPM	NSF approved:	Conduit min 18" B.G.:
Well Yield: GPM Depth of well encountered at time of pr	ump installation: (feet)	Conduit secured to well cap:
If pump capacity exceeds well yield, a	low water cut off switch is requ	ifred by NSPC 1990 Section 17.8.4
Torque arrestors or Cable guards are re		
Safety rope, if used, attached to insid		
Piping to house	House Connection	
Type:		ped soil at wall penetration:
PSI: (160 psi min)	Approximate length of sle	
Depth of supply line:(36" min)	Sleeve caulked and seale	
		eptic tank, pump chamber, sewage piping, anot be accomplished, contact this office for
Signature of company representative re	esponsible for installation	date
	partment Use Only - Not to be	
Elec. conduit extend Safety rope installed Correct well tag atta Water supply line sle	Date Insp. Ap vater supply line at least 36" be lied and attached to casing seculs at least 18" below grade/attact inside of well casing ched properly and casing 8" abserved adequately at house connerved below pitless adapter	ove finished grade



7178 Columbia Gateway Drive, Columbia, MD 21046 (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:

Well Site Location:	d , , ,	11.	
Riverwood Phase II 43. Subdivision/Property Name	17 CASTLE bridge K	2d. Hurrers View R	OA
Subdivision/Property Name I	ot# Road Name 5	ROAD & Whithorn U	Nac
The well siteshas been sta (professional land surveyor or con on	ked by <u>Benchmark</u> ompany employing professions (date) and does not requi	Eng., al land surveyors) ire a site inspection.	
The well driller, builder of to schedule a time to meet location.		_	

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

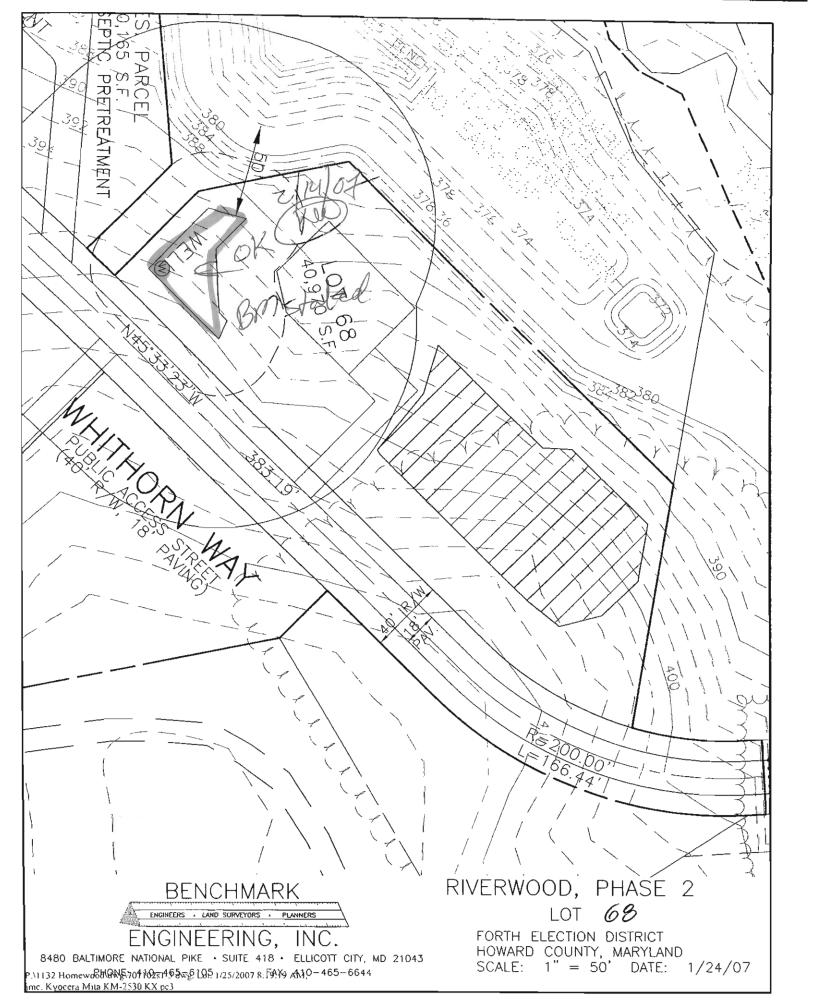
Revised 3/11/05

Contact is:

Exstendays
301-829-1440

2006 DE 18 PM 2:32

FILL CAME





## 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. Acting Health Officer

## **INTERIM CERTIFICATE OF POTABILITY**

Expiration Date – April 22<sup>nd</sup>, 2013

October 22, 2012

Homeowner 11220 Whithorn Way Ellicott City, MD 21042

RE: Riverwood II, Lot 68

11220 Whithorn Way

Building Permit: B12002049 Well Permit: HO-95-0713

#### 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 10/10/2012. Final approval of the well line connection to the dwelling was granted on 10/4/2012. The well construction was completed on 7/25/2007. Water samples were collected on 10/17/2012 & 10/10/2012.

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.

Gross Alpha and Beta samples were also collected on 7/25/2007. Results showed a Gross Alpha level of  $7.0 \pm 2.0$  pCi/L and Gross Beta level of  $9.0 \pm 2.0$  pCi/L. The Gross Alpha was below the maximum contaminant level (MCL) of 15 pCi/L and the Gross Beta was below the target level of 50pCi/L (roughly equivalent to the annual dose rate of 4 millirems per year). At the time of testing and with respect to these parameters, the well water is safe for all uses.

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-95-0713. 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 certified water quality 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,

Heidi Scott, R.S.

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 #: 86732 Account #: 3123

Reference:

Riverwood Lot 68

Company: National Water Servicing

11220 Whithorn Way

Requested By: Dave Rycke

Location:

Ellicott City, MD 21042

Date/Time Collected: 10/17/2012

1126

Source: Well Water

Date/Time Rec'd:

Site:

Pressure Tank

10/17/2012

1223

Treatment:

Softener/Neutralizer/Sediment Filter\*\*

Chlorine ppm:

Free: ND

Total: ND

pH:

Collected By:

J. Yeager

6176JY

Well #:

HO-95-0713

5.9

PARAMETERS	RESULIS	UNIIS RE	PERENCE,	MEIHOD	DATE/TIME/ANALYST	
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	10/18/2012 / 0900 / CCH	
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	10/18/2012 / 0900 / CCH	

Bacteria DX 10-22-12

#### NOTES

- 1 \*\*Sample collected prior to treatment
- MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample. 2
- 3 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 4 ND:None Detected
- 5 Visual well check: Sealed, vented cap
- pH and Chlorine level tested on site

Reason for Test: Use & Occupancy Building Permit #: B12002049

Date Reported: 10/18/2012

## 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 #: 86649 Account #: 3123

Reference: Riverwood Lot 68 Company: National Water Servicing

Location: 11220 Whithorn Way Requested By: Dave Rycke

Ellicott City, MD 21042 Source: Well Water
Date/ Time Collected: 10/10/2012 1100 Site: Pressure Tank

Date/Time Rec'd: 10/10/2012 1845 Treatment: Softener/Neutralizer/Sediment Filter

Chlorine ppm: Free: ND Total: ND pH: 5.7

Collected By: J. Yeager 6176JY Well #: HO-95-0713

PARAMETERS	RESULTS	UNITS RE	FERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	16.4	MPN/ 100 ml	<1.0	SM18 9223	10/11/2012 / 1315 / CCH
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	10/11/2012 / 1315 / CCH
Nitrate	3.04	mg/L	10	601	10/11/2012 / 1020 / CCH
Turbidity	1.17	NTU	<10	SM18 2130B	10/11/2012 / 0956 / JKW
Sand	NS	mg/L	5	Visual/Gravimetri	c 10/11/2012 / 0955 / JKW

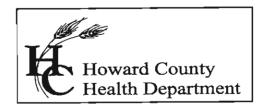
Need bacteria retest!
Nitrates, turbidity, sand OK
10/22/12 118

#### 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 Visual well check: Sealed, vented cap
- 8 pH and Chlorine level tested on site

Reason for Test: Use & Occupancy Building Permit #: B12002049

Date Reported: 10/15/2012



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046
(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 30, 2007

Winchester of Howard County 6905 Rockledge Dr. Suite 800 Bethesda, MD 20817

> RE: Riverwood Subdivison, Lot# 68 Well Tag: HO-95-0713

To Whom It May Concern:

A sample was collected from a yield test July 25, 2007 and submitted to Department of Health and 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. In turn, this can provide information regarding naturally occurring radiation (i.e., Radionuclides) that may exist in your area of development within the County.

Results from this screening revealed a Gross Alpha of  $7.0 \pm 2.0$  picocuries/liter (pCi/L); while the Gross Beta level was  $9.0 \pm 2.0$  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 target 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 appears safe for all uses. No additional testing for these parameters will be required to secure the future Use & Occupancy. However, other standard (potability) testing will still be necessary.

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, Deputy Director Bureau of Environmental Health

cc: Eric Dougherty, MDE Water Mgmt., Groundwater

Well & Septic File

Sena	Report To:	DHMH - Labo	oratories Administration		
			nvironmental Chemistry N LABORATORY		
			et, Baltimore, Maryland 2	1201	
	- Control of the Cont		Boy, Dr. P.H., Directo		
		LABORATORY	ANALYSIS REC	QUEST	
	R688B	950713			
Samp	le Bottle No. A:	No. B:	Field Blank Bo	ttle No. A:	No. B:
Plant	Site Name: Rivery	100d - Lot	68	County: Hol	vard
Samp	le Source: Whiteh	orn Way	Location:	(well no., lab sink, san	pple tap, etc.)
Coun	ty: 🛱 🛱 P	Plant No. 🔲 [			]
	CK (one per box)				
Land Stream Other	m No	ommunity on-community rivate ther	Source (raw water) Distribution (treated) MCL	Emergen Routine Recheck Special	
Colle	ctor: Brian Bo	iker	Telephone No:	(410)313-3	2643
Date	Collected: 7 1251	07	Time Collected	: /Oa.m	p.m.
Nitrio	Acid Preserved: Yes	Ŋo □	Iced: Yes	No 🗹	
Subm	itters Code:	Federal Project:	Field Data: _		
Rema	orks: Sample Co	ollected D	uring Yield	PH. Ch	lorine
$\checkmark$	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Reported
$\checkmark$	Gross Alpha	4000	0250	7±2	7/30/07
	Gross Beta	4100	0250	9±2	
	Radon-222  Bottle A	4004			
	Radon-222 Bottle B	4004			
	Field Blank A	4004			
	Field Blank B	4004			
	Tritium				
	Ra - 226	4020			
	Ra - 228	4030			
	Total Uranium	4006			
	Date Received:	//			
	Supervisor:				
FORM R	EVISED 02/06 • Tel.	No.: (410) 767-553	7 • Fax. No.: (41	.0) 333-5373	

FORM REVISED 02/06 DHMH 4540 02/06