

C1 6924

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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 A520414

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY 7 16 2007

Depth of Well 22 170 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" No-95-0727

OWNER Winchester Homes Inc last name first name STREET OR RFD Kingsale Ct TOWN Ellicott City SUBDIVISION Riveewood Phase 2 SECTION LOT 76

WELL LOG Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes entries for Sand Stone (0-46) and Gray Granite (46-170).

GRROUTING RECORD Form: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS (22), NO. OF POUNDS (2068), GALLONS OF WATER (132), DEPTH OF GROUT SEAL (0-46).

CASING RECORD Form: casing types insert appropriate code below (ST, CO, PL, OT), MAIN CASING TYPE (ST), Nominal diameter top (main) casing (6), Total depth of main casing (50).

OTHER CASING (if used) Form: diameter inch, depth (feet) from to.

SCREEN RECORD Form: screen type or open hole (ST, BR, HO, PL, OT), insert appropriate code below.

NUMBER OF UNSUCCESSFUL WELLS: 0; WELL HYDROFRACTURED: Y

CIRCLE APPROPRIATE LETTER: A (well abandoned), E (electric log), P (test well converted).

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. 1 M 5 D 0 2 4 1; DRILLERS SIGNATURE: Joseph E. Mayne

LIC. NO. 1 D 1

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

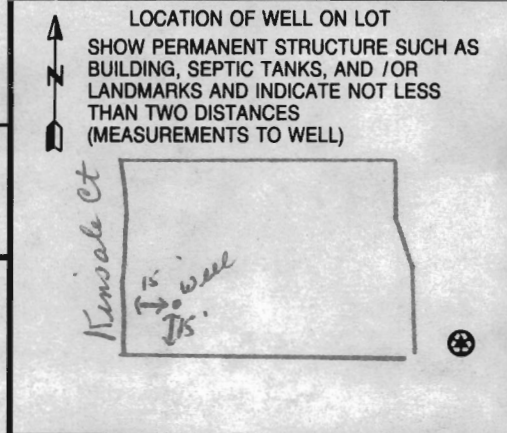
DEPTH (nearest ft.) Table with columns 1-11 and 15-21. Includes entries for 48 and 170.

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

PUMPING TEST Form: HOURS PUMPED (3), PUMPING RATE (20), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (42), BEFORE PUMPING (17-20), WHEN PUMPING (22-25), TYPE OF PUMP USED (S).

PUMP INSTALLED Form: DRILLER INSTALLED PUMP (YES), IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED (S), CAPACITY: GALLONS PER MINUTE (31-35), PUMP HORSE POWER (37-41), PUMP COLUMN LENGTH (43-47), CASING HEIGHT (49), LAND SURFACE (2).



B 1 9859
1 2 3 6

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

525673 please type

HO - 95 - 0721
fill in this form completely

Date Received (APA)

2/1/07
8 MM DD YY 13

OWNER INFORMATION

Winchester Homes Inc
6905 Rockledge Drive Suite 800
Bethesda Md 20817

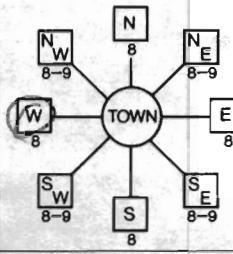
B 3 LOCATION OF WELL

Howard
Riverwood Phase 2
SECTION 44 46 LOT 76 50
Ellicott City
MILES FROM TOWN (enter 0 if in town) 5 MI

DRILLER INFORMATION

Joseph L. Mayne MS D 024
Joseph L. Mayne Well Drilling
5512 Ridge Rd Mt. Airy Md 21771
Joseph L. Mayne 1-3007

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



Kinsale Court
NEAR WHAT ROAD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH
WEST 32 EAST
SOUTH
DISTANCE FROM ROAD 20 FT
ENTER FT OR MI
TAX MAP: 29 BLK: 4 PARCEL 20

B 2 WELL INFORMATION

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

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- INDUSTRIAL, COMMERCIAL, DEWATERING
- PUBLIC WATER SUPPLY WELL
- TEST, OBSERVATION, MONITORING
- GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard 13 A520414
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 2/14/07
CO SIGNATURE Ken Wall 2/14/08
EXP. DATE
NORTH GRID 513 000 EAST GRID 0827 000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 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)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL
- THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
- THIS WELL WILL DEEPEMED AN EXISTING WELL

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

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

APPROP. PERMIT NUMBER HO 2004-0007
PERMIT No. HO - 95 - 0721

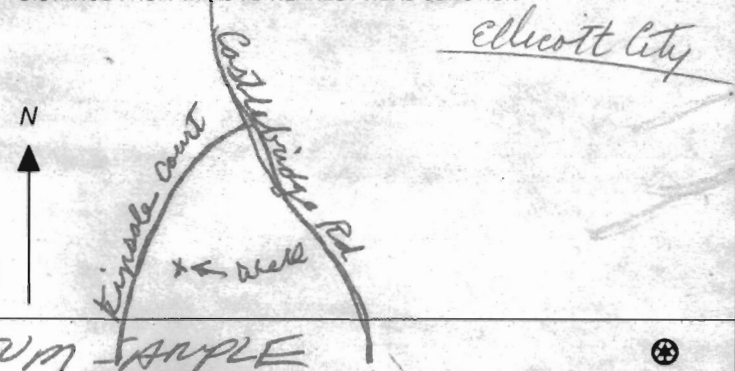
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER
1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 8267
N 513

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



7/16/07
Radium Sample
Collected During
Yield Test
BB

SPECIAL CONDITIONS

NEED RADIUM SAMPLE

Send Report To:

State of Maryland
DHMH - Laboratories Administration
Division of Environmental Chemistry
RADIATION LABORATORY

201 W. Preston Street, Baltimore, Maryland 21201
John M. DeBoy, Dr. P.H., Director

LABORATORY ANALYSIS REQUEST

R76BB950721

Sample Bottle No. A: 7 No. B: _____ Field Blank Bottle No. A: _____ No. B: _____

Plant/Site Name: Riverwood - Lot 76 County: Howard

Sample Source: Kinsale Court Location: HO-95-0721
(well no., lab sink, sample tap, etc.)

County: Plant No.

CHECK (one per box)

Drinking Water
Landfill
Stream
Other

Community
Non-community
Private
Other

Source (raw water)
Distribution (treated)
MCL

Emergency
Routine
Recheck
Special

Collector: Brian Baker

Telephone No: (410) 313-2643

Date Collected: 7/16/2007

Time Collected: _____ a.m. 1 p.m.

Nitric Acid Preserved: Yes No

Iced: Yes No

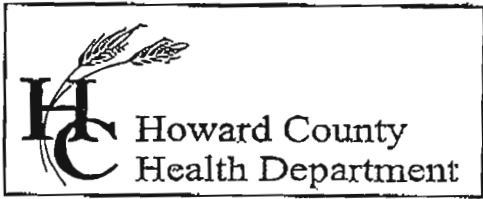
Submitters Code: Federal Project: Field Data: _____

Remarks: Sample Collected During Yield Test ^{pH} ^{Chlorine}

✓	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Reported
✓	Gross Alpha	4000	0140	2 ± 1	07/19/07
✓	Gross Beta	4100	0140	6 ± 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: 07/17/07

Supervisor: S. Dikley



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:

Riverwood Phase II 43-77 Castlebridge Rd, Hunters View Road
 Subdivision/Property Name Lot# Road Name
Open Run Road & Whithorn Way

The well site has been staked by Benchmark Eng
 (professional land surveyor or company employing professional land surveyors)
 on _____ (date) and does not require a site inspection.

All lots will be staked by 12/29/06

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 3/11/05

Contact is:

Easterday

301-829-1440

2006 DE 18 PM 2:32

RECEIVED
 12/29/06

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 #: 89483 Account #: 3123
Reference: Riverwood Lot 76 Company: National Water Servicing
Location: 11225 Kinsale Ct. Requested By: Dave Rycke
Ellicott City, MD 21042 Source: Well Water
Date/ Time Collected: 6/5/2013 1140 Site: Pressure Tank
Date/Time Rec'd: 6/6/2013 0800 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 6.2
Collected By: J. Fogle 1974JF Well #: HO-95-0721

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	✓ <1.0	MPN/ 100 ml	<1.0	SM18 9223	6/7/2013 / 0830 / CCH
Bacteria, E. coli, MPN	✓ <1.0	MPN/ 100 ml	<1.0	SM18 9223	6/7/2013 / 0830 / CCH
Nitrate	✓ 1.36	mg/L	10	601	6/6/2013 / 1100 / CCH
Turbidity	✓ 8.25	NTU	<10	SM18 2130B	6/6/2013 / 1201 / JKW
Sand	✓ NS	mg/L	5	Visual/Gravimetric	6/6/2013 / 1201 / JKW

Results OK
6/10/13 HF

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 & Chlorine level tested on site

Reason for Test : Use & Occupancy

Building Permit # : B13000221

Date Reported: 6/7/2013



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

September 10, 2007

Winchester of Howard County
6905 Rockledge Drive
Suite 800
Bethesda, Maryland 20817

RE: Riverwood II Lot 76
Well Tag: HO - 95 - 0721

To Whom It May Concern:

A sample was collected from a yield test on July 16, 2007 and submitted to the Department of Health & Mental Hygiene Laboratory 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 2.0 ± 1.0 picocuries/liter (pCi/L); while the **Gross Beta** level was 6.0 ± 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 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 appears safe for all uses. No additional testing **for these parameters** will be required to secure the future Use & Occupancy. However, other standard testing will still be necessary.

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

Sincerely,

A handwritten signature in cursive script that reads 'Bert Nixon'.

Bert Nixon, Director
Bureau of Environmental Health

cc: Eric Dougherty, MDE Water Mgmt., Groundwater
Well & Septic property file

Scott, Heidi

From: Steven Krieg [SKrieg@mde.state.md.us]
Sent: Tuesday, May 28, 2013 4:26 PM
To: Scott, Heidi
Cc: Williams, Jeffrey
Subject: Re: Variance Request - Riverwood Lot 76

Approved. Although technically the variance is not to the well regs 26.04.04

Steven R. Krieg, REHS/RS
Regional Consultant
On-site Systems Division
Wastewater Permits Program
Water Management Administration
Maryland Dept. of the Environment
Montgomery Park Business Center
1800 Washington Boulevard, Suite 455
Baltimore, MD 21230-1708

>>> "Scott, Heidi" <hscott@howardcountymd.gov> 5/21/2013 3:21 PM >>>

Steve –

See attachment for variance request. A record plat came through for a revision to the sewer easement on the subject lot. The grinder pump ended up being installed less than 100' from the existing well . We asked the owner to request a variance in order to allow the well and new grinder pump location to remain, we are recommending approval of the variance.

Thanks.

Heidi Scott
Environmental Sanitarian
Howard County Health Dept.
Well & Septic Program
410-313-6287

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www.hchealth.org
Facebook: www.facebook.com/hocohealth
Twitter: HowardCoHealthDep

Maura J. Rossman, M.D. Health Officer

May 23, 2013

Winchester Homes
11225 Kinsale Court
Ellicott City, MD 21042

**RE: Variance request
Riverwood – Lot 76
11225 Kinsale Court**

Dear Winchester Homes,

The Health Department and Maryland Dept. of the Environment has received your variance request dated May 16th, 2013 for the above referenced property. Maryland Department of the Environment has accepted our recommendation to approve the following variance request under the *Code of Maryland Regulations 26.04.04.05 (B)(2)(iv)* to allow: the sewage grinder pump serving the proposed house on Lot 76 to be located less than 100' from the existing well, HO-95-0721. The request was approved given that the setback encroachment from the well to the grinder pump is minimal.

If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-6287.

Sincerely,

A handwritten signature in black ink, appearing to read 'Heidi Scott', is written over the typed name.

Heidi Scott, R.S.
Well & Septic Program

Maryland Department of the Environment
Steven Krieg, R.S.

Cc: File
Property owner

Martin, Sharhonda

From: Pickett, Tom
Sent: Monday, June 10, 2013 2:00 PM
To: Tuder, Matt; Martin, Sharhonda; Day, Lori; Hart, Amy; Wolf, Kevin; Baker, Brian; Pickett, Tom; Vanderveer, Shaun
Subject: U&O Release 11225 Kinsale Ct

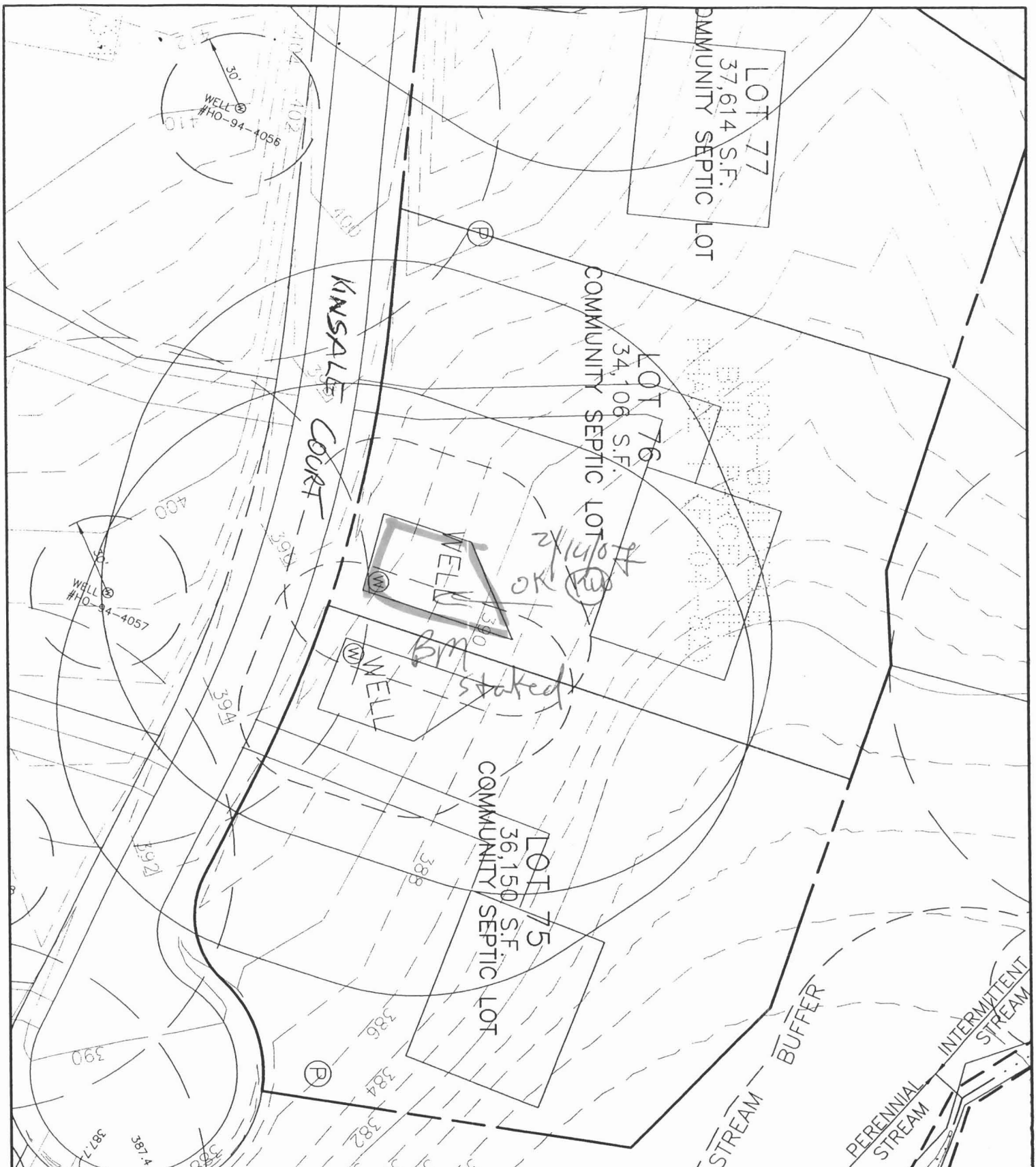
Shaun observed the start-up of a Sewage Grinder Pump at the Riverwood Shared Septic System:

Riverwood, Contract 50-4287
Winchester Homes
11225 Kinsale Ct, Lot #76
Ellicott City, MD 21042

The Sewage Grinder Pump test was successful ; the Bureau of Utilities releases its hold on this property for U & O.

This is the 14th lot on the shared septic system at this location.

Matt
410-313-4934 office
410-978-1320 mobile



BENCHMARK

ENGINEERS • LAND SURVEYORS • PLANNERS

ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE • SUITE 418 • ELLICOTT CITY, MD 21043

PHONE: 410-465-6185 FAX: 410-465-6644
 1/24/2007 5:25:46 PM
 inc. Kvocera Mita KM-2530 KX.pc3

RIVERWOOD, PHASE 2

LOT 76

FORTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 1/24/07

**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 SVC Telephone #: 301-854-1333
Address: P.O. BOX 138
Ashton MD 20861

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): DAVID RYCKE License# PE 0145

*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: WINCHESTER HOME Telephone #: _____
Subdivision: RIVERWOOD Lot #: 76 Well Tag #: HO-75-0721
Site Address: 1125 KINSALE CT
ELICOTT CITY MD

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Grundfos</u>	Make: <u>Campbell</u>	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: <u>15-SGE 07-180</u>	Model #: <u>PA 800</u>	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity: <u>15</u> GPM	Depth: <u>48</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: <u>200</u> GPM	NSF approved: <u>YES</u>	Conduit min 18" B.G.: <input checked="" type="checkbox"/>
Depth of well encountered at time of pump installation: <u>170</u> (feet)		Conduit secured to well cap: <input checked="" type="checkbox"/>
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 <u>CPS</u>		
Safety rope, if used, attached to inside of well casing with eye bolt <u>N/A</u>		

Piping to house
Type: PVX
PSI: 160 (160 psi min)
Depth of supply line: 4 (36" min)

House Connection
PVC sleeved to undisturbed soil at wall penetration: YES
Approximate length of sleeve: 5'
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 approval prior to installation.

Signature of company representative responsible for installation _____

date

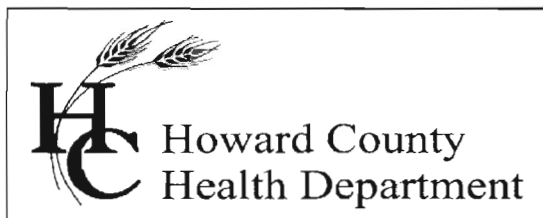
3/20/13

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

Date Insp. Requested: 3/21/13 Date Insp. Approved: 3/22/13
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

HD-215 (Rev. 8/00)

Water supply line not exposed at house connection. Water supply line is sleeved under foundation.
CR
3/22/13



Bureau of Environmental Health

7178 Columbia Gateway Drive, Columbia, MD 21046-2147

Main: 410-313-6300 | Fax: 410-313-6303

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

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – December 11, 2013

June 11, 2013

Homeowner
11225 Kinsale Court
Ellicott City, MD 21042

**RE: Riverwood II, Lot 76
11225 Kinsale Court
Building Permit: B13000221
Well Permit: HO-95-0721**

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 **6/11/2013**. Final approval of the well line connection to the dwelling was granted on **8/22/2013**. The well construction was completed on **7/16/2007**. Water samples were collected on **6/5/2013**.

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 **7/16/2007**. Results showed a Gross Alpha level of **2.0 ± 1.0 pCi/L** and **Gross Beta** level of **6.0 ± 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-95-0721. 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,

A handwritten signature in black ink, appearing to read "Heidi Scott". The signature is written in a cursive style with a large, prominent "S" at the end.

Heidi Scott, R.S.
Environmental Sanitarian
Well & Septic Program

cc: Howard County Dept. of Inspections, Licenses, and Permits
Community Hygiene Program
File

May 16, 2013

Maryland Department of the Environment
Water Management Administration
Maryland Dept. of the Environment
Montgomery Park Business Center
1800 Washington Boulevard, Suite 455
Baltimore, MD 21230-1708

Re: Riverwood, Lot 76
Howard County
11225 Kinsale Court
Ellicott City, MD 21042

To Maryland Department of the Environment:

We, Winchester Homes, Inc., the owner of lot 76, are writing to request a variance to the requirement of 100' separation distance between a potable water supply well and an identifiable source of contamination and subsurface disposal area for a well and a septic grinder pump on our lot.

On lot 76 in the Riverwood subdivision the contractor had practical difficulties installing the grinder pump as shown on the approved community sewer contract drawings. The difficulty was due to the location of the storm drain inlet. The contractor relocated the grinder pump in order to create additional space to install and maintain the grinder pump.

This relocation moved the grinder pump can outside the public easement and within 100' of the existing well on the same lot. We are currently processing a revision plat with Howard County Department of Planning and Zoning to extend the public easement to cover the public grinder pump pit.

We are requesting a waiver to the COMAR regulations, Section 26.04.04.05(B)(2)(iv), that requires a 100' separation distance between a well and an identifiable source of contamination and designated subsurface disposal areas.

The existing well (Tag Number HO-95-0721) was drilled prior to the installation of the grinder pump and a well completion report has been provided to the Health Department.

As the owner we are requesting a variance be granted to allow the grinder pump and potable water supply well to remain as installed. We feel that there is adequate separation distance between the potable water supply well and grinder pump can.

The well in question is not directly downhill of the grinder pump can, see the attached house permit plan. The type of grinder pump and the materials and specifications used to install it are in conformance with the approved plans, see attached sheets from the contract drawing. The distance between the center of the grinder pump can and the center of the well is 96'. Additionally we have received signature approval from the Health Department of a revised percolation certification plan that removes the well box and specifies two replacement well locations. This was done in show in order to make sure any future wells are compliant to the current regulations.

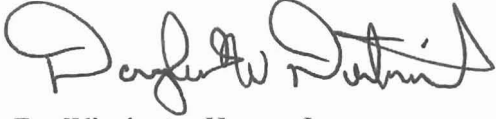
We feel that the abandonment of this well is not warranted due to the relatively minor separation distance violation. The grinder pump container installed is one solid piece, there is no field welded seams in the container. The plans and grinder pumps have been thoroughly reviewed by Howard County Health

A handwritten signature in black ink, appearing to be 'DWD', is located in the bottom right corner of the page.

Department and Howard County Department of Public Works. We feel that the public maintenance of the grinder pump should assist in detecting any future leaks of the container.

If you have any question please feel free to contact John Carney at 410-465-6105 or jcarney@bei-civilengineering.com or contact us.

Thank You,

A handwritten signature in black ink, appearing to read "Douglas W. Patrick". The signature is written in a cursive style with a large initial "D".

For Winchester Homes, Inc.
Property Owner