

B 1 3404
1 2 3 6

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-95-1999
70 fill in this form completely 79

534010 please type

Date Received (APA)
08 30 10

OWNER INFORMATION

8 MM DD YY 13

15 Last Name Owner First Name 34
Greenfield Home Inc

36 Street or RFD 55
6656 Luster Drive

57 Town 70 State 72 Zip 76
Highland Md 20777

B 3

LOCATION OF WELL

8 COUNTY 21
Howard

23 SUBDIVISION 42
Willow Pond

SECTION 44 46 LOT 48 50
13

52 NEAREST TOWN 71
Clarksville

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

DRILLER INFORMATION

Driller's Name 76 License No. 81
Joseph L. Maize M 5 D 0 2 4

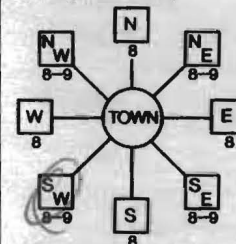
Firm Name
Joseph L. Maize Well Drilling

Address
5512 Ridge Rd Mt. Airy Md 21771

Signature Date
Joseph L. Maize 8-24-2010

B 4

1 2
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 NEAR WHAT ROAD 30
Prestwick Dr. Access Dr.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 360 37
DISTANCE FROM ROAD FT

ENTER FT OR MI 38 39
TAX MAP: 34 BLK: 17 PARCEL 382

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 8 12
4

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20
500

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 (3) A520415
COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S 41

DATE ISSUED 9/13/2010
43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID 496 000 EAST GRID 813 000
50 55 57 63

APPROXIMATE DEPTH OF WELL 24 28 FEET
400

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)

37 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 DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

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

APPROP. PERMIT NUMBER G

PERMIT No. HO-95-1999
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

Need to collect Radon Sample During Yield Test.

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. well
- 2.
- 3.

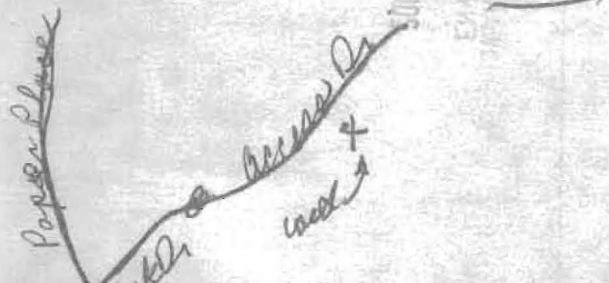
WRITE THE BOX NUMBER FROM THE MAP HERE

E 813

N 496

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



FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 95-1999
 Location of property (road) Prestrivick Dr. Access Dr
 Subdivision Willow Pond Lot 13 Block _____ Plat _____ Sec. _____
 Well Driller Joseph Mays Owner Greenfield Homes Inc

Depth of well 680'
 Distance of measuring point (M.P.) above ground 2'
 Static water level (S.W.L.) below M.P. 21'

I. High rate pumping -- reservoir drawdown

Time pump started 7:30 Pumping rate _____
 Total time 45 min to reach pumping water level 403 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:45	156'	3 min		20 gpm
8:00	301	4		15
8:15	403	5		12
8:30	403	60		1 gpm
8:45	403	60		1
9:00	403	60		1
9:15	403	60		1
9:30	403	60		1
9:45	403	60		1
10:00	403	60		1
10:15	403	60		1
10:30	403	60		1
10:45	402	60		1
11:00	402	60		1
11:15	402	60		1
11:30	402	60		1
11:45	402	60		1
12:00	402	60		1
12:15	402	60		1
12:30	402	60		1
12:45	402	60		1
1:00	402	60		1
1:15	402	60		1
1:30	402	60		1
1:45	402	60		1
2:00	402	60		1
2:15	402	60		1

gpm

**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: Gartland Plumbing Telephone #: 410-825-5303
Address: 1620 W. Old Liberty Rd
Sykesville, MD 21284

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Sama J. Gartland III License# 5362

*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: Greenfield Homes Telephone #: 410-365-3202
Subdivision: Willow Pond Lot #: 13 Well Tag #: HO 95-1999
Site Address: 6298 Heather Glen Way
Clarksville, MD 21029

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Goulds</u>	Make: <u>RTI</u>	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: <u>M20432/200C 313</u>	Model#: <u>P-100-SS</u>	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity: <u>7</u> GPM	Depth: <u>48</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: <u>1</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>600</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 of Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt Yes

<u>Piping to house</u>	<u>House Connection</u>
Type: <u>Poly</u>	PVC sleeved to undisturbed soil at wall penetration: <u>Yes</u>
PSI: <u>200</u> (160 psi min)	Approximate length of sleeve: <u>80'</u>
Depth of supply line: <u>48'</u> (36" min)	Sleeve caulked and sealed properly: <u>Yes</u>

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: 11-7-16

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

Date Insp. Requested: _____ Date Insp. Approved: 11/10/16 (JW)

Inspection Data: Pitless adapter and water supply line at least 36" below grade	<input checked="" type="checkbox"/>
Two piece cap installed and attached to casing securely	<input checked="" type="checkbox"/>
Elec. conduit extends at least 18" below grade/attached to cap properly	<input checked="" type="checkbox"/>
Safety rope installed inside of well casing	<input checked="" type="checkbox"/>
Correct well tag attached properly and casing 8" above finished grade	<input checked="" type="checkbox"/>
Water supply line sleeved adequately at house connection	<u>Under Footer</u>
Adequate grout observed below pitless adapter	<input checked="" type="checkbox"/>

**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: Gartland Plumbing Telephone #: 410-875-5303
Address: 1620 W. Old Liberty Rd
Sykesville, MD 21289

(Must circle one) (Licensed Plumber) Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:

Name (Print): Sam J. Gartland III License# 5362

*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: Greenfield Homes Telephone #: 410-365-3202
Subdivision: Willow Pond Lot #: 13 Well Tag #: HO 45-1999
Site Address: 6298 Heather Glen Way
Clarksville, MD 21029

Submersible Pump Data	Pitless Adapter	Well Cap and Electric Conduit
Make: <u>Gowids</u>	Make: <u>BT</u>	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: <u>M20432/2000.313</u>	Model#: <u>P-100-SS</u>	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity <u>7</u> GPM	Depth: <u>48</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: <u>1</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>800</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 of Cable guards are required - Must circle one

Safety rope, if used, attached to inside of well casing with eye bolt Yes

Piping to house

Type: Poly
PSI: 200/160 (psi min)
Depth of supply line: 48 (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: Yes
Approximate length of sleeve: 80'
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]
Signature of company representative responsible for installation

11-7-16
date

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 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	_____



Bureau of Environmental Health
8930 Stanford Blvd | Columbia, MD 21045
410.313.2640 - Voice/Relay
410.313.2648 - Fax
1.866.313.6300 - Toll Free

Maura J. Rossman, M.D., Health Officer

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – JANUARY 3, 2019

July 3, 2018

Homeowner
6298 Heather Glen Way
Clarksville, MD 21029

**RE: Willow Pond, Lot 13
6298 Heather Glen Way
Building Permit: B16001790
Well Permit: HO-95-1999**

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 **2/14/2017**. Final approval of the well line connection to the dwelling was granted on **11/10/2016**. The well construction was completed on **10/18/2010**. Water samples were collected on **6/25/2018**.

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 **3/16/2011**. Results showed a Gross Alpha level of **10.3 ± 2.6 pCi/L** and **Gross Beta** level of **10.4 ± 2.2 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-95-1999. 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.**

Maura J. Rossman, M.D., Health Officer

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>

In closing, please refer to our "Homeowner Fact Sheet" for understanding your onsite sewage disposal system. You will also find a link to Maryland Department of the Environments website which elaborates in further detail operation and maintenance of your Septic System.

Approving Authority,



Kevin M Wolf, L.E.H.S., REHS/R.S., Supervisor
Groundwater Management Section
Well & Septic Program

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

Water Testing Laboratories

P.O. Box 712
Stevensville, MD 21666
410-643-7711

of Maryland, Inc.

Greenfield Homes
6656 Luster Drive
Highland, Md 20777

Reporting Date: 6/28/2018
Report #: M6265

Submitted Sample Address: 6298 Heather Glen Way
Clarksville, MD 21029
Submitted Sample Source: Holding tank-well cap intact & no devices used
Date / Time Collected: 6/25/2018 10:27 AM
Sample Type: Drinking Water
Sampler/Company: K. Lee 4827KL, WTL of MD
Field Record: Chlorine residual: Absent Clear when drawn pH: 7.6
Well Tag #: HA-95-1999

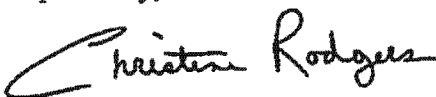
Analytical Results

Parameter	Result	Units	Report Limit	Standard	Standard Type
Total Coliform Bacteria	Absent	Coliforms/100 ml	Present/Absent	Absent	EPA Primary MCL
<i>E. Coli</i> Bacteria	Absent	Coliforms/100 ml	Present/Absent	Absent	EPA Primary MCL
Nitrate as N	ND	mg/L	0.5	10	EPA Primary MCL
Sand	Absent	mg/L or Absent	mg/L or Absent	< 5 mg/L*	MD Well Reg.
Turbidity	1.0	NTU	0.5	< 10 NTU*	MD Well Reg.

Notes:

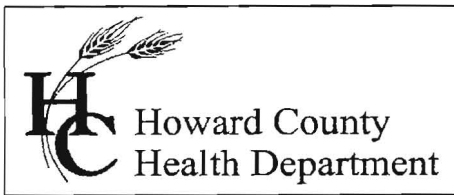
- Bacteriological analysis of this sample indicates this water is safe for human consumption.
- Results in **BOLD** exceed the MCL, Action Level or MD well regulation.
- Samples received and examined within EPA's recommended holding times.
- MCL - Maximum Contaminant Level
- ND - Not Detected.
- * Sand and turbidity standard for new wells - See Code of Maryland Regulations (COMAR) 26.04.04.16E(5). If sand is present, it is analyzed to determine amount of sand in mg/L.
- MCL Type -
 - EPA Primary: The maximum contaminant level which is the highest level of contaminant that is allowed in drinking water. Primary MCLs are enforceable standards.
 - EPA Secondary: Non enforceable guidelines regulating contaminants that cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste or odor) in drinking water.
 - Action Level: Defined in treatment techniques which are required processes intended to reduce the level of a contaminant in drinking water.
- We certify that the analyses performed for this report are accurate, and that the laboratory tests were conducted by methods approved by the US Environmental Protection Agency and the Maryland Department of the Environment.

Reported by,



C. Rodgers, Assistant Lab Manager, Microbiology

Reviewed by: 



Bureau of Environmental Health
7178 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

March 16, 2011

Greenfield Homes, Inc.
6656 Luster Drive
Highland, Maryland 20777

RE: Willow Pond Lot 13
Prestwick Drive
Well Tag: HO - 95 - 1999


To Whom It May Concern:

A sample was collected during a yield test on October 18, 2010 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 10.3 ± 2.6 picocuries/liter (pCi/L); while the **Gross Beta** level was 10.4 ± 2.2 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 **does** appear safe for all uses. Additional testing **for these parameters** will not be required to secure the future Use & Occupancy. However, 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 or to discuss additional testing considerations.

Sincerely,

Bert Nixon, Director
Bureau of Environmental Health

Enclosure
cc: Barry Glotfelty, MDE Water Mgmt.
✓ Well & Septic property file

Send Report To:

Bert Nixon

7178 Columbia Gateway Dr.
Columbia MO 21046

State of Maryland
DHMH - Laboratory Administration
Division of Environmental Chemistry
RADIATION LABORATORY
201 W. Preston Street, Baltimore, Maryland 21201
John M. DeBoy, Dr. P. H., Director

E1100618 819 8

E11001928002
Received: 10/19/2010
RadioChem HO-98-1999

LABORATORY ANALYSIS REQUEST

Sample Bottle No. A: H0-95-1999 No. B: _____ Field Blank Bottle No. 1: _____ No B: _____

Plant/Site Name: Willow Pond LST 13 County: Howard

Sample Source: Well - Prestwick Dr. Location: H0-95-1999
(well no, lab sink, sample tap, etc.)

County: 1 3 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: K. Wolf

Telephone No.: 410-313-2645

Date Collected: 10/18/10

Time Collected: 10:00 a.m. _____ p.m.

Nitric Acid Preserved: Yes No

Iced: Yes No

Submitters Code:

Federal Project:

Field Data: _____
pH _____ Chlorine _____

Remarks: Collected @ field. PH preserved to 2.0
Reported 10/29/10 @ 7.2 ± 2.0 B. 1.1 ± 2.2

✓	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Analyzed	Date Reported
✓	Gross Alpha	4000	0648	10.3 ± 2.0	10/25/10	10/26/10
✓	Gross Beta	4100	0648	10.4 ± 2.2		
	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: 10/19/10

Supervisor: [Signature]

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

FORM REVISED 10/07
DHMH 4540 10/07

ORIGINAL - LABORATORY

Send Report To:

Bert Nixon

7178 Columbia Gateway Dr.
Columbia MO 21046

State of Maryland
DHMH - Laboratories Administration
Division of Environmental Chemistry
RADIATION LABORATORY
201 W. Preston Street, Baltimore, Maryland 21201
John M. DeBay, Dr. P. H., Director

E11001928002
Received: 10/19/2010
RadioChem HO-95-1999

LABORATORY ANALYSIS REQUEST

Sample Bottle No. A: HO-95-1999 No. B: _____ Field Blank Bottle No. 1: _____ No B: _____

Plant/Site Name: Willow Pond County: Howard

Sample Source: Well - Prestwick Dr. Location: HO-95-1999
(well no, lab sink, sample tap, etc.)

County: 1 3 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: K. Wolf

Telephone No.: 410-318-2645

Date Collected: 10/18/10 cont

Time Collected: 10:00 a.m. _____ p.m.

Nitric Acid Preserved: Yes No

Iced: Yes No

Submitters Code:

Federal Project:

Field Data: _____
pH Chlorine

Remarks: collected @ field. PH preserved to 43.0
Reported 10/29/10 7.2 ± 2.0 B 11.1 ± 2.2

✓	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Analyzed	Date Reported
✓	Gross Alpha	4000	0648	10.3 ± 2.0	10/25/10	10/26/10
✓	Gross Beta	4100	0648	10.4 ± 2.2		11/...
	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: 10/19/10

Supervisor: [Signature]

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



STATE OF MARYLAND

DHMH

Maryland Department of Health and Mental Hygiene

201 W. Preston Street • Baltimore, Maryland 21201

Martin O'Malley, Governor – Anthony G. Brown, Lt. Governor – John M. Colmera, Secretary

Laboratories Administration
John M. DeBoy, Dr.P.H., Director

Division of Environmental Chemistry
Prince Kassim, Ph.D., Division Chief
Mrs. Delores Willis, M.S., Manager

RADIATION LABORATORY

FAX COVER SHEET

Date: 3/9/11
To: Kevin Wolf Fax Number: 410-313-2648
Department: Howard Co. Health Dept.
Phone Number: 410-313-2640 Pages (exclude cover): 2
From: Radiation Lab Phone Number: 410-767-5537
Fax Number: 410-333-5373

Special Instructions / Comments:

Urgent For Review Please Comment Please Reply For Your Information

Comments:

HO-95-1999

We are very sorry that these results did not make it to you. Please don't hesitate to contact us anytime you are missing results. We are glad to help.

The information contained in this facsimile message is intended only for the personal and confidential use of the designated recipient(s) named above.

Have a wonderful afternoon.

P.O. BOX 2355 • Baltimore, Maryland 21203-2355
410-767-6100 • TTY for Disabled • Maryland Relay Service 1-800-735-2258
Toll Free 1-877-4MD-DHMH • Web Site: www.dhmh.state.md.us/labs/

Send Report To:

Best Nixon

7178 Columbia Gateway Dr. 201 W. Preston Street, Baltimore, Maryland 21201

Columbia NO 21046

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

John M. DeBoy, Dr. P. H., Director

E000648 819 6

Lot 13

LABORATORY ANALYSIS REQUEST

Sample Bottle No. A: H0-95-1999 No. B: _____ Field Blank Bottle No. 1: _____ No B: _____

Plant/Site Name: Willow Pond County: Howard

Sample Source: Well - Prestwick Dr. Location: H0-95-1999
(well no, lab sink, sample tap, etc.)

County: 1 3 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: K. Wolf

Telephone No.: 410-313-2245

Date Collected: 10/18/10

Time Collected: 10:00 a.m. _____ p.m.

Nitric Acid Preserved: Yes No

Iced: Yes No

Submitters Code: Federal Project:

Field Data: _____
pH _____ Chlorine _____

Remarks: collected @ field. PH preserved to < 3.0
Repeated 10/29/10 2 7.3 ± 2.0 B 11.1 ± 2.2

✓	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Analyzed	Date Reported
✓	Gross Alpha	4000	0648	10.3 ± 2.6	10/25/10	10/26/10
✓	Gross Beta	4100	0648	10.4 ± 2.2		11
	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: 10/19/10

Supervisor: [Signature]

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

Send Report To:

Best Nixon

7178 Columbia Gateway Dr.

Columbia MO 21046

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

E000648 819

LABORATORY ANALYSIS REQUEST

Sample Bottle No. A: H0-95-1999 No. B: _____ Field Blank Bottle No. 1: _____ No B: _____

Plant/Site Name: Willow Pond County: Howard

Sample Source: Well - Prestwick Dr. Location: H0-95-1999
(well no, lab sink, sample tap, etc.)

County: 1 3 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: K. Wolf

Telephone No.: 410-313-1245

Date Collected: 10/18/10

Time Collected: 10:00 a.m. _____ p.m.

Nitric Acid Preserved: Yes No

Iced: Yes No

Submitters Code:

Federal Project:

Field Data: _____
pH _____ Chlorine _____

Remarks: collected @ Yield. PH preserved to <3.0
Reported 10/29/10 at 7.2 ± 2.0 B 11.1 ± 2.2

✓	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Analyzed	Date Reported
✓	Gross Alpha	4000	0648	10.3 ± 2.5	10/25/10	10/26/10
✓	Gross Beta	4100	0648	10.4 ± 2.2		11
	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: 10/19/10

Supervisor: [Signature]

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

