

C1	3145	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE		THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.		
					COUNTY NUMBER		
1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		DATE WELL COMPLETED		Depth of Well		PERMIT NO. FROM "PERMIT TO DRILL WELL"	
ST/CO USE ONLY DATE Received MM DD YY		MM DD YY 06 09 2006		22 300 26 (TO NEAREST FOOT)		HO 95 0339 28 29 30 31 32 33 34 35 36 37	

OWNER Elm Street Development
STREET OR RFD Cavey Lane TOWN Woodstock
SUBDIVISION Saddlebrook Farm SECTION 9 LOT 9

WELL LOG
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
Overburden	0	50	
Gray Rock	50	300	x
water at 75'			
#1 well 160' backfilled			

GROUTING RECORD (yes ☒ no ☐
WELL HAS BEEN GROUTED (Circle Appropriate Box)
TYPE OF GROUTING MATERIAL (Circle one)
CEMENT ☒ BENTONITE CLAY ☐
NO. OF BAGS 15 NO. OF POUNDS 500
GALLONS OF WATER 90
DEPTH OF GROUT SEAL (to nearest foot)
from 0 TOP 52 ft. to 59 BOTTOM 58 ft.
(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
☒ STEEL ☐ CONCRETE
☒ PLASTIC ☐ OTHER
MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 59
60 61 63 64 66 70

OTHER CASING (if used)
EACH CASING diameter inch depth (feet) from to

C 3
PUMPING TEST
HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min.) 17.44
METHOD USED TO MEASURE PUMPING RATE Submersible
WATER LEVEL (distance from land surface)
BEFORE PUMPING 40 ft.
WHEN PUMPING 152 ft.
TYPE OF PUMP USED (for test)
☒ air ☐ piston ☐ turbine
☒ centrifugal ☐ rotary ☐ other (describe below)
☒ jet ☐ submersible

NUMBER OF UNSUCCESSFUL WELLS: 1

WELL HYDROFRACTURED ☒ YES ☐ NO

CIRCLE APPROPRIATE LETTER
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

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.

DRILLERS LIC. NO. M S D 162
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
Donal Hale
LIC. NO. AWD 766
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

C 2
DEPTH (nearest ft.)
160 59 300
EACH CASING diameter inch depth (feet) from to
8 9 11 15 17 21
23 24 26 30 32 36
38 39 41 45 47 51
SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH)
56 60
from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.) W Q
70 72 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMP INSTALLED
DRILLER INSTALLED PUMP (YES ☒ NO ☐
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. 29
CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35
PUMP HORSE POWER 37 41
PUMP COLUMN LENGTH (nearest ft.) 43 47
CASING HEIGHT (circle appropriate box and enter casing height)
☒ above } LAND SURFACE
☐ below } (nearest foot)
50 51

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)
Property Line
25'
20'

B 1 <div style="border: 1px solid black; padding: 2px; font-size: 1.2em; font-weight: bold;">6457</div>	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL <div style="font-size: 1.2em; font-weight: bold;">324360</div> please type	STATE PERMIT NUMBER <div style="font-size: 1.5em; font-weight: bold;">HO-95-0339</div> <div style="font-size: 0.8em;">fill in this form completely</div>
Date Received (APA) <div style="font-size: 1.2em; font-weight: bold;">3/17/06</div> <div style="font-size: 0.8em;">8 MM DD YY 13</div>		B 3 LOCATION OF WELL <div style="font-size: 1.2em; font-weight: bold;">Howard</div> <div style="font-size: 0.8em;">8 COUNTY 21</div> <div style="font-size: 1.2em; font-weight: bold;">Saddlebrook Farm</div> <div style="font-size: 0.8em;">23 SUBDIVISION 42</div> <div style="font-size: 0.8em;">SECTION 44 46 LOT 9 48 50</div> <div style="font-size: 1.2em; font-weight: bold;">Woodstock</div> <div style="font-size: 0.8em;">52 NEAREST TOWN 71</div> <div style="font-size: 0.8em;">MILES FROM TOWN (enter 0 if in town) 0 M I 73 76 77 78</div>	
OWNER INFORMATION <div style="font-size: 1.2em; font-weight: bold;">Elm Street Development</div> <div style="font-size: 0.8em;">15 Last Name Owner First Name 34</div> <div style="font-size: 1.2em; font-weight: bold;">5094 Dorsey Hall Drive, Suite 104</div> <div style="font-size: 0.8em;">36 Street or RFD 55</div> <div style="font-size: 1.2em; font-weight: bold;">Ellicott City MD 21042</div> <div style="font-size: 0.8em;">57 Town 70 State 72 Zip 76</div>		B 4 <div style="font-size: 0.8em;">1 2</div> <div style="font-size: 0.8em;">DIRECTION OF WELL FROM TOWN (CIRCLE BOX)</div> <div style="text-align: center;"> </div> <div style="font-size: 1.2em; font-weight: bold;">Cavey Lane</div> <div style="font-size: 0.8em;">11 NEAR WHAT ROAD 30</div> <div style="font-size: 0.8em;">ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)</div> <div style="text-align: center;"> </div> <div style="font-size: 0.8em;">34 200 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39</div> <div style="font-size: 0.8em;">TAX MAP: BLK: PARCEL</div>	
DRILLER INFORMATION <div style="font-size: 1.2em; font-weight: bold;">Michael D. Isom M S D 162</div> <div style="font-size: 0.8em;">Driller's Name 76 License No. 81</div> <div style="font-size: 1.2em; font-weight: bold;">G. Edgar Harr Sons' Corp.</div> <div style="font-size: 0.8em;">Firm Name</div> <div style="font-size: 1.2em; font-weight: bold;">12047 Falte Road, Cockeysville 21030</div> <div style="font-size: 0.8em;">Address</div> <div style="font-size: 1.2em; font-weight: bold;">2/20/06</div> <div style="font-size: 0.8em;">Signature Date</div>		B 2 WELL INFORMATION <div style="font-size: 0.8em;">1 2</div> <div style="font-size: 0.8em;">APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12</div> <div style="font-size: 0.8em;">AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 750 20</div>	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <div style="font-size: 0.8em;">22</div> <div style="display: flex; flex-direction: column; gap: 5px;"> <div><input checked="" type="radio"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION</div> <div><input type="radio"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)</div> <div><input type="radio"/> INDUSTRIAL, COMMERCIAL, DEWATERING</div> <div><input type="radio"/> PUBLIC WATER SUPPLY WELL</div> <div><input type="radio"/> TEST, OBSERVATION, MONITORING</div> <div><input type="radio"/> GEO-THERMAL</div> </div>		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <div style="font-size: 1.5em; font-weight: bold;">HOWARD (13) A516525</div> <div style="font-size: 0.8em;">COUNTY NAME COUNTY NO.</div> <div style="font-size: 0.8em;">STATE SIGNATURE</div> <div style="font-size: 0.8em;">DATE ISSUED 4/10/06 41</div> <div style="font-size: 0.8em;">CO SIGNATURE DATE 4/11/06</div> <div style="font-size: 0.8em;">NORTH GRID 544 000 55 EAST GRID 837 000 63</div>	
APPROXIMATE DEPTH OF WELL <div style="font-size: 1.2em; font-weight: bold;">250</div> FEET <div style="font-size: 0.8em;">24 28</div>		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well 2. 3.	
APPROXIMATE DIAMETER OF WELL <div style="font-size: 1.2em; font-weight: bold;">6</div> INCH <div style="font-size: 0.8em;">NEAREST INCH</div>		WRITE THE BOX NUMBER FROM THE MAP HERE <div style="font-size: 1.2em; font-weight: bold;">837</div> <div style="font-size: 1.2em; font-weight: bold;">544</div>	
METHOD OF DRILLING (circle one) <div style="font-size: 0.8em;">30</div> <div style="display: flex; justify-content: space-between;"> <div>BORED (or Augered)</div> <div><u>JETTED</u></div> <div>Jettied & DRIVEN</div> </div> <div style="font-size: 0.8em;">37</div> <div style="display: flex; justify-content: space-between;"> <div>AIR-ROTary</div> <div>AIR-PERCussion</div> <div>ROTARY (Hydraulic Rotary)</div> </div> <div style="font-size: 0.8em;">CABLE</div> <div style="font-size: 0.8em;">REVERSE-ROTary</div> <div style="font-size: 0.8em;">DRIVE-POINT</div> <div style="font-size: 0.8em;">other</div>		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION <div style="text-align: center;"> </div>	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <div style="font-size: 0.8em;">39</div> <div style="display: flex; flex-direction: column; gap: 5px;"> <div><input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL</div> <div><input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED</div> <div><input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS</div> <div><input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL</div> </div> <div style="font-size: 0.8em;">PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52</div>		Not to be filled in by driller (MDE OR COUNTY USE ONLY) <div style="font-size: 1.2em; font-weight: bold;">HO-2005G009(01)</div> <div style="font-size: 0.8em;">APPROP. PERMIT NUMBER</div> <div style="font-size: 1.2em; font-weight: bold;">HO-95-0339</div> <div style="font-size: 0.8em;">PERMIT No. 70 71 72 73 74 75 76 77 78 79</div>	
SPECIAL CONDITIONS <small>NOTE: APPROVING AUTHORITY SHOULD USE SEPARATE SHEET IF NEEDED</small>			

HARR WELL DRILLING

12047 FALLS ROAD
COCKEYSVILLE, MD 21030
410-252-4588

HOWARD COUNTY YIELD TEST REPORT

Date Test Performed: 6-08-06
Address: Cavey Lane
Owner Name: Elm Street Devel
Well Depth: 300 Ft

Permit Number: HO - 95-0339
Subdivision: Saddlebrook Farm L#9
Election District:
Static Water Level: 40 Ft

Time	Water Level	PSI Existing Pump	Pumping Rate Seconds to fill 5gallon bucket	Calculated Flow-Gallons Per Minute
0845	40 ft		17 sec	17.64
0900	99		17	17.64
0915	154		17	17.64
0930	155		17	17.64
0945	155		17	17.64
1000	155		17	17.64
1015	156		17	17.64
1030	156		17	17.64
1045	156		17	17.64
1100	156		17	17.64
1115	156		17	17.64
1130	156		17	17.64
1145	156		17	17.64
1200	156		17	17.64

**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: Tri County Pump Service Inc Telephone #: 301-432-0330
 Address: 7011 Old Baltimore Pike
Greenbelt Md 21713

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

Name (Print): William E. Griffith License# 20135

*A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.

Name of Property Owner: Craig Smith Jones Telephone #: _____
 Subdivision: Saddlebrook Farm Trail Lot #: 9 Well Tag #: HO-95-0339
 Site Address: 10121 Saddlebrook Farm Trail

Submersible Pump Data

Make: Sta Lite
 Model #: 9SP4C02H-04
 Pump Capacity: 1 GPM
 Well Yield: 8 GPM

Pitless Adapter

Make: American Grundy
 Model#: PT-800
 Depth: 36" (36" min)
 NSF/WSC approved: Yes

Well Cap and Electric Conduit

Two piece watertight cap: Yes
 Screened, vented well cap: Yes
 Cap secured to casing: Yes
 Conduit min 18" B.G.: Yes
 Conduit secured to well cap: Yes

Depth of well encountered at time of pump installation: _____ (feet)
 If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
 Torque arrestors, Cable guards, or other acceptable method used- Must circle one
 Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing

Piping to house

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

House Connection

PVC sleeve to undisturbed soil at wall penetration: Yes
 Approximate length of sleeve: 20 ft
 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: William E. Griffith

date: 5-21-08

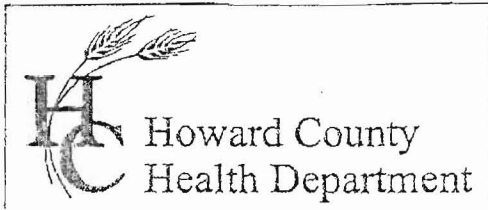
For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: _____ Date Insp. Approved: 5/22/08 Inspector: (RB)

Inspection Data: Pitless adapter watertight & 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 not seen outside of well cap/casing
 Correct well tag attached properly and casing 8" above finished grade
 Water supply line sleeved adequately at house connection
 Adequate grant observed below pitless adapter

✓
✓
✓
✓
✓
✓
✓

M:\Daschuk 33\2\dwg\Final\Wei\33\2_5z_s08.dwg, 3/13/2006 1:28:15 PM, catherine, 1:1



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

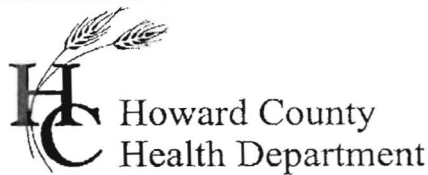
ATTENTION WELL DRILLERS!!!

When submitting a well application for a new or replacement well, please indicate one of the following:

- ☒ The well site has been staked by FSH Inc
on Saddlebrook Farm and is ready for site inspection.
- ☐ _____ will call the Health Department
for a time to meet in the field to verify a well location.
- ☒ Site plan for new well is attached to well permit application.

Please attach this sheet when submitting your green application.
This should help improve communication allowing a more timely
service for our citizens.

KN



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

August 1, 2008

Shalehearth, LC
6820 Elm Street, Suite 200
McLean, Virginia 22101

RE: Saddlebrook Farm, Lot 9
10152 Saddlebrook Farm Trail
Woodstock, MD 21163
BP #: B07002283
Well Permit # HO-95-0339

Dear Sir:

This is to advise you that the septic system for the above referenced property has been installed and inspected. **Final approval of the septic system was granted on 06/25/2008.**
Final approval of the well line connection to the dwelling was approved on 05/22/2008.

The second water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. The water sample results were found to be in compliance with COMAR water quality standards.

Also, a Gross Alpha and Beta samples were collected on 06/08/2006. Both findings were below the maximum limit suggested by the EPA. At the time of the 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 and Occupancy.

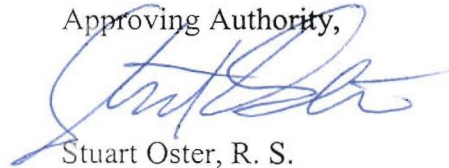
INTERIM CERTIFICATE OF POTABILITY

This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit #HO-95-0339. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigation and evaluation, the Howard County Health Department as authorized by the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.

This certificate may become final upon completion of the second bacteriological test, which is to be taken by the county health department within six months of receipt of this letter. **Please contact (410) 313-1773 to schedule a final water sample appointment. Currently, there is no charge for this final sampling.**

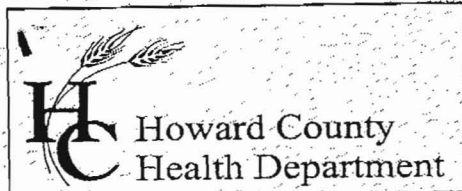
Date of Water Samples:	07/18/2008 & 07/23/2008
Date of Samples for Gross Alpha and Gross Beta:	06/08/2006
Date of Well Completion:	06/09/2006

Approving Authority,



Stuart Oster, R. S.
Well & Septic Program

cc: Building Inspector's Office
Community Health Services
File



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

Penny E. Borenstein, M.D., M.P.H., Health Officer

June 26, 2006

Shalehearth L.C.
6820 Elm Street
Suite 200
McLean, Virginia 22101

RE: Saddlebrook Farm Lot 9
Well Tag: HO-95-0339

To Whom It May Concern:

A sample was collected from a yield test on June 8, 2006 and submitted to GPL 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 5.3 ± 1.9 picocuries/liter (pCi/L); while the **Gross Beta** level was 7.3 ± 1.7 pCi/L. Both the **Gross Alpha** and **Gross Beta** were below the maximum contaminant levels (MCL's) of 15 pCi/L and 50 pCi/L respectively. 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
Zac Fish, FSH Associates, 8318 Forrest St., E.C., MD 21043

Send Report To:
Howard County
Environmental
Health

State: Shalehearth, L.C.
DHMH - Lab: 6820 Elm Street Suite 200
Division of En: McLean, Virginia 22101
RADIATION 703.734.9730
201 W. Preston Street
John M. DeB

CC: FSH Associates
Attn: Zac Fish
8318 Forrest Street
Ellicott City, MD 21043
410.750.2251

LABORATORY

SF9BB0339

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

Plant/Site Name: Cavey Lane County: Howard

Sample Source: Saddlebrook Farm Location: Well # HO-95-0339
- Lot 9 (well no., lab sink, sample tap, etc.)

County: ☒ 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: Brian Baker Telephone No: (410) 313-2643

Date Collected: 6 / 8 / 2006 Time Collected: 9:30 a.m. _____ p.m.

Nitric Acid Preserved: Yes ☒ No ☐ Iced: Yes ☐ No ☒

Submitters Code: ☐ ☐ Federal Project: ☐ Field Data: _____

Remarks: Sample Taken During Yield Test pH _____ Chlorine _____

✓	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Reported
✓	Gross Alpha	4000	<u>606055-004</u>	<u>5.3 ± 1.9</u>	<u>6/13/06</u>
✓	Gross Beta	4100		<u>1.3 ± 1.7</u>	
	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: _____

Analytical Summary Report

Client Name:	Howard County Health Department	Client Sample ID:	SF9BB0339
Receipt Date/Time:	06/08/2006	Lab Sample ID:	606055-004-004-1/1
Prepared Date/Time:	6/9/06	Sample Matrix:	WATER
Analysis Date/Time:	6/12/06 12:29	Analytical Method:	ALPHA/BETA BY METHOD 900.0

Isotope	Result	Uncertainty 2σ	MDA	Q
Gross Alpha	5.3001 pCi/L	± 1.9188 pCi/L	2.0973 pCi/L	
Gross Beta	7.3218 pCi/L	± 1.6820 pCi/L	2.7481 pCi/L	

**Fredericktowne**
ENVIRONMENTAL TESTING**Labs** Inc.3020 Ventrie Court • P.O. BOX 245 • Myersville, MD 21773 • 800-332-3340 • FAX 301-293-2368
www.fredericktownelabs.com • info@fredericktownelabs.com

Certificate of Analysis

Acct. No. 3948 - 279-2

Field Record

Site visit performed on: Wednesday, July 23, 2008 11:00 AM
by: Kevin Kretzer State ID No. 1511KK
Affiliation: Tri-County Pump Service
Property Owner: Craftmark Homes (Lot 9)
Property Address: 10152 Saddle Brooke Farm Trail
Woodstock, MD
Sample Source: Kitchen Sink
Field pH: 6.0
Res. Cl.: 0.0 mg/l

Laboratory Report

Sample Received at laboratory: 7/23/2008 11:50 AM

Bacteriological results:

<u>Total Colif. (/100ml)</u>	<u>E.coli. (/100ml)</u>	<u>Date/Time Analysis Started</u>	<u>Method</u>	<u>Analyst</u>
<1	<1	7/23/2008 2:45 PM	9223B	JD

Bacteriological analysis of this sample indicates the water is safe for human consumption.
Analysis was performed according to the 20th edition of Standard Methods

Inorganic Chemical results:

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>MCL</u>	<u>Date of Analysis</u>	<u>Method</u>	<u>Analyst</u>
Turbidity	0.3 NTU		10	7/24/2008	180.1	JD

Verified by:

M. B. McFadden / Jamp 7/24/08
Date

Fredericktowne Labs, Inc. is a State Certified Water Quality Laboratory
Maryland Cert. No. 116 Virginia Cert. No. 00141 W. Virginia Cert. No. 9924-M
MDOT WBE Cert. No.: 91-158



Fredericktowne

ENVIRONMENTAL TESTING

Labs Inc.

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 www.fredericktownelabs.com • info@fredericktownelabs.com

Certificate of Analysis

Acct. No. 3948 - 279-1

Field Record

Site visit performed on: Friday, July 18, 2008 9:50 AM
 by: Kevin Kretzer State ID No. 1511KK
 Affiliation: Tri-County Pump Service
 Property Owner: Craftmark Homes (Lot 9)
 Property Address: 10152 Saddle Brooke Farm Trail
 Woodstock, MD
 Sample Source: Kitchen Sink
 Field pH: 6.8
 Res. Cl.: 0.0 mg/l

Laboratory Report

Sample Received at laboratory: 7/18/2008 3:35 PM

Bacteriological results:

Total Colif. (/100ml)	E.coli. (/100ml)	Date/Time Analysis Started	Method	Analyst
<1	<1	7/18/2008 4:00 PM	9223B	MM

Bacteriological analysis of this sample indicates the water is safe for human consumption.
 Analysis was performed according to the 20th edition of Standard Methods

Inorganic Chemical results:

Parameter	Result Units	MCL	Date of Analysis	Method	Analyst
Lead	mg/l	0.015		3113B	NPV
Nitrate-Nitrogen	9.4 mg/l	10	7/18/2008	300.0	PH
Sand	<2 mg/l	5	7/22/2008	0.065mm Filter	JD
Turbidity	2.0 NTU	10	7/18/2008	180.1	JD

Verified by:

M. B. Miller / gmp 7/24/08
 Date

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