

C1 20772

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER, WELL SITE ADDRESS, TOWN, SUBDIVISION, SECTION, LOT

WELL LOG

Not required for driven wells

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

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes entries like Sand & Clay, Broken Rock, Hard Blk Rock, etc.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO. TYPE OF GROUTING MATERIAL (Circle one) CEMENT BENTONITE CLAY. NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD

MAIN CASING TYPE, Nominal diameter top (main) casing, Total depth of main casing. Includes codes for STEEL, CONCRETE, PLASTIC, OTHER.

OTHER CASING (if used)

Table for OTHER CASING with columns: diameter inch, depth (feet) from, to.

SCREEN RECORD

screen type or open hole, insert appropriate code below. Includes codes for STEEL, BRASS, BRONZE, PLASTIC, OPEN HOLE, OTHER.

Table for DEPTH (nearest ft.) with columns 1-29 and rows E, A, C, H, S, R, E, N.

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. Includes TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

C 3

PUMPING TEST

HOURS PUMPED (nearest hour), PUMPING RATE (gal. per min.), METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL (distance from land surface) BEFORE PUMPING, WHEN PUMPING, TYPE OF PUMP USED (for test).

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (YES or 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. CAPACITY: GALLONS PER MINUTE (to nearest gallon), PUMP HORSE POWER, PUMP COLUMN LENGTH (nearest ft.), CASING HEIGHT (circle appropriate box and enter casing height), LAND SURFACE (nearest foot).

LATITUDE 39.13689, LONGITUDE 76.93166 (DEFAULT COORD. WGS 84) NOTES:

NUMBER OF UNSUCCESSFUL WELLS: 1. WELL HYDROFRACTURED YES NO. CIRCLE APPROPRIATE LETTER. 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. 1 M W D 553. DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION). LIC. NO. 1 W R D 0917. SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee).

B 1 26453

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-95-2658

546271 please type

fill in this form completely

Date Received (APA) 03/10/14

OWNER INFORMATION

8 MM DD YY 13 Candor, Trustee, David
15 Last Name Owner First Name 34
45 NE Loop 410, Ste 560
36 Street or RFD 55
San Antonio TX 78216
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

Howard
8 COUNTY 21
Beaufort Park
23 SUBDIVISION 42
SECTION 44 46 LOT 3+4 48 50
Fulton
52 NEAREST TOWN 71

DRILLER INFORMATION

C John Hess MW D 553
Driller's Name 76 License No. 81
Allied Environmental Services
Firm Name
20 Box 129 Annapolis Junction MD 20701
Address
C John Hess 03/07/14
Signature Date

B 4 SOURCES OF DRILLING WATER

- 1. Public
2.
3.

8531 Edenton Rd
11 STREET ADDRESS 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH N
WEST W 32 EAST E
SOUTH S
34 37
DISTANCE FROM ROAD
ENTER FT OR MI 38 39
TAX MAP 0045 BLK: 0012 PARCEL 0027

B 2 WELL INFORMATION

1 2 APPROX. PUMPING RATE (GAL. PER MIN.) 8 12
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- (D) DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
(F) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
22 (I) INDUSTRIAL, COMMERCIAL, DEWATERING
(P) PUBLIC WATER SUPPLY WELL
(T) TEST, OBSERVATION, MONITORING
(O) OPEN LOOP GEOTHERMAL
(C) CLOSED LOOP GEOTHERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S 41
DATE ISSUED 3/12/14 Andrew Stewart 3/12/15
43 MM DD YY 48 CO SIGNATURE EXP. DATE

APPROXIMATE DEPTH OF WELL 300 FEET
APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

PROPOSED LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL

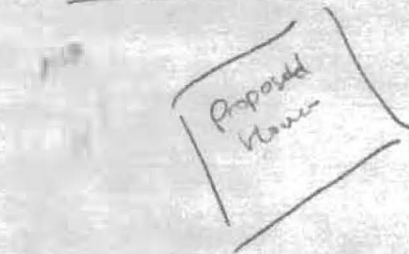
METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
30 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)
37 CABLE REVerse-ROTary DRive-POINT
other

New Construction

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- (N) THIS WELL WILL NOT REPLACE AN EXISTING WELL
(Y) THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
39 (S) THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
(D) 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-95-2658

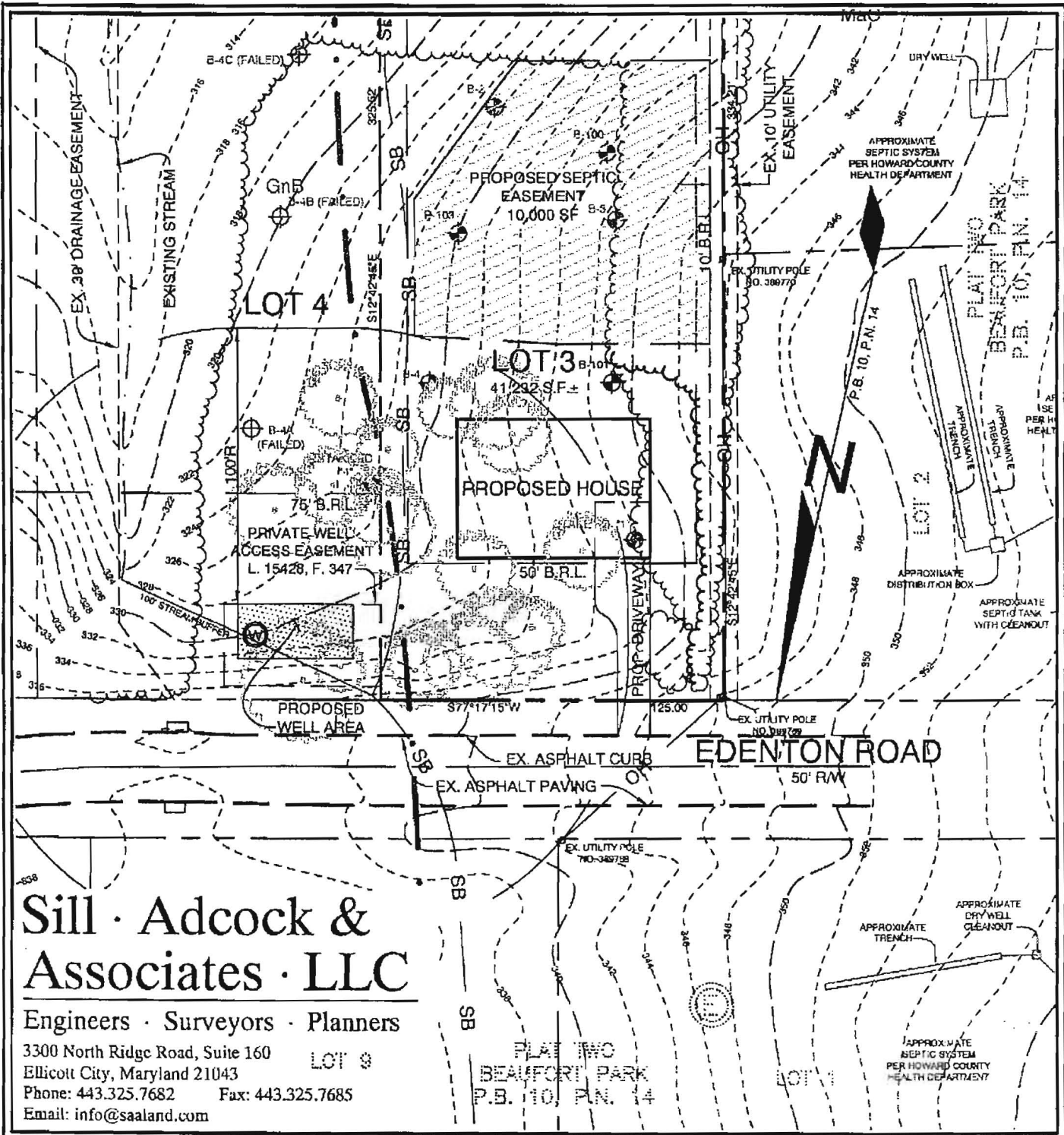
SPECIAL CONDITIONS Must be constructed using steel casing extended 50 feet below grade or 10 feet into competent bedrock, whichever is deeper.

Allied Well Drilling Yield Test report

Date Test Performed: 4/25/2014
 Address: 8531 Edenton Rd, Fulton, MD
 Owner: David Chandler, Trustee
 Well Depth: 485'

Permit Number: HO 95-2658
 Subdivision: Beaufort Park
 Election District:
 Static Water Lvl: 15'

Time	Water Level	Pumping Rate Seconds to Fill 1 Gallon bucket	Calculated Flow-Gallons Per Minute
8:30	15ft	6	10
8:45	20ft	7	8.5
9:00	32ft	10	6
9:15	87ft	16	6.75
9:30	160ft	17	3.46
9:45	200ft	18	3.33
10:00	250ft	22.75	2.63
10:15	250ft	25	2.63
10:30	250ft	25	2.63
10:45	250ft	25	2.63
11:00	250ft	25	2.63
11:15	250ft	25	2.63
11:30	250ft	25	2.63
11:45	250ft	25	2.63
Noon	250ft	25	2.63
12:15	250ft	25	2.63
12:30	250ft	25	2.63
12:45	250ft	25	2.63
1:00	250ft	25	2.63
1:15	250ft	25	2.63
1:30	250ft	25	2.63
1:45	250ft	25	2.63
2:00	250ft	25	2.63
2:15	250ft	25	2.63
2:30	250ft	25	2.63



Sill · Adcock & Associates · LLC

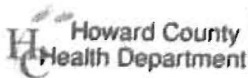
Engineers · Surveyors · Planners
 3300 North Ridge Road, Suite 160
 Ellicott City, Maryland 21043
 Phone: 443.325.7682 Fax: 443.325.7685
 Email: info@saaland.com

DESIGN BY: PS
 DRAWN BY: AEM
 CHECKED BY: MDA
 SCALE: 1"=50'
 DATE: FEBRUARY 21, 2014
 PROJECT #: 13-098
 SHEET #: 1 OF 1

**WELL PERMIT PLAN
 FOR LOT 3, BLOCK F
 BEAUFORT PARK**

TAX MAP 45 GRID 12
 5TH ELECTION DISTRICT

PARCEL 27
 HOWARD COUNTY, MARYLAND



PAGE: Ryan Rappap
Settings | Logout

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WELL & SEPTIC PROGRAM
TEL: (410)313-1771 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: D.L. Klipp Plumbing Telephone #: 240-357-8557
Address: 8659 Indian Springs Rd
Frederick, MD 21722

(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 L. Klipp License#: 7244

*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: Hussem Kazezadeh Telephone #: 202-423-1850
Subdivision: _____ Lot #: 34 Well Tag #: HO 98-2638 ✓
Site Address: 8531 Edenton Rd, Fulton, MD 20759

Submersible Pump Data	Pitless Adapter	Well Cap and Electric Conduit
Make: <u>Sta-Lite</u>	Make: <u>Cambell</u>	Two piece watertight cap: <input checked="" type="checkbox"/>
Model #: <u>SSD4H307221</u>	Model: <u>PAB00LF</u>	Screened, vented well cap: _____
Pump Capacity: <u>7</u> GPM	Depth: <u>40</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: <u>25</u> GPM	NSP/WSC approved: <input checked="" type="checkbox"/>	Conduit min 18" B.G.: <input checked="" type="checkbox"/>
Depth of well encountered at time of pump installation: <u>400</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, Cable guards, or other acceptable method used- Must circle one		
Safety rope, if used, attached to brass rope adapter or other acceptable method <u>inside of well casing</u>		

Piping to house	House Connection
Type: <u>Blackwell pipe 160 PSI</u>	PVC sleeve to undisturbed soil at wall penetration: <u>YES</u>
PSI: <input checked="" type="checkbox"/> (160 psi min)	Length of sleeve (minimum from foundation): <u>10 feet</u>
Depth of supply line: <u>40</u> (36" min)	Sleeve 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 can be accomplished, contact this office for approval prior to installation.

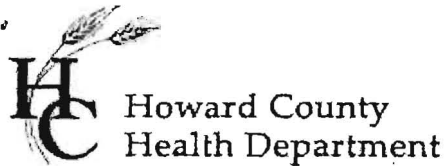
Signature of company representative responsible for installation: [Signature] date: 8/19/2015

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

Date Insp. Requested: 8/19/15 Date Insp. Approved: 8/19/15 Inspector: RR

Inspection Data:	Pitless adapter watertight & 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 not outside of well cap/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	<input checked="" type="checkbox"/>
	Adequate grout observed below pitless adapter	<input checked="" type="checkbox"/>

(plastic well cap tight on steel casing) RR



Bureau of Environmental Health
8930 Stanford Blvd
Columbia, MD 21045
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

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

April 10, 2017

Hassein Kazemadeh
1003 WARD ST
LAUREL, MD 20707

**RE: Water Sample Results
8535 EDENTON ROAD**

Dear Mr. Kazemadeh,

We have received the results from the testing of the water sample(s) taken from the above referenced property on March 27, 2017. A description of the results and the established standards for each test is included below. Standards such as maximum contaminant levels (MCL), secondary maximum contaminant levels (SMCL), and drinking water equivalency levels (DWEL) are established by the EPA and other agencies to provide a reference for determining when action should be taken. These standards help to improve the overall quality of your water or ensure that steps are taken to treat the water to prevent you and your family from getting sick. Typically, no water is completely free of contamination but you should be concerned if the level of contamination for a particular test exceeds the standard.

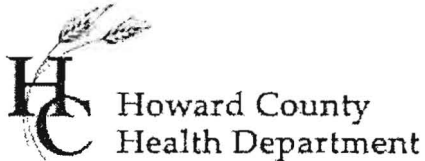
The results from the **Bacteria** testing found that your well water sampled from the bathroom faucet contains no bacteria at this time and is considered safe for all uses. According to drinking water standards there should be no bacteria present.

A sample was collected to determine the **Nitrate** level in your water supply. The nitrate level was 2.98 parts per million. The MCL for nitrate is 10.0 parts per million.

A sample was collected to determine the levels of **Chlorides** in your water supply. The Chlorides level was 80 parts per million. The SMCL for Chlorides is 250 parts per million.

A sample was collected to determine the levels of **Dissolved Solids** in your water supply. The Dissolved Solids level was 231 parts per million. The SMCL for Dissolved Solids is 500 parts per million.

A sample was collected to determine the levels of **Sodium** in your water supply. The Sodium level was 22.39 parts per million. The DWEL for Sodium is 20 parts per million.



Bureau of Environmental Health
8930 Stanford Blvd
Columbia, MD 21045
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

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

A **Turbidity** sample was collected to determine the amount of suspended particulates in your water supply. The turbidity level was 16.6 nephelometric turbidity units (NTU's). The MCL for turbidity is 10.0 NTU's.

Please contact the Health Department at (410) 313-1773 between 8:30 a.m. and 4:30 p.m., Monday through Friday if you have any questions regarding these test results.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Kathleen Cook', is written over a horizontal line.

Kathleen Cook, R.S.
Community Hygiene Program

Enclosures

SEND REPORT TO:

STATE OF MARYLAND

Howard County Health Department
Bureau of Environmental Health
8930 Stanford Blvd.
Columbia, Maryland 21045

DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES ADMINISTRATION
1770 Ashland Avenue, Baltimore MD 21205
Robert A. Myers, Ph.D., Director

008179

Category Code: HF

Invoice No.: ICAP

Lab No.:

FIELD RECORD

Sample Type: Community Transient Non-Transient Private Repeat Sample C.O.P. Bottled Water OTHER: _____
Source Address: Hassim Kazemadch, 8531 Edenton Rd.
Sampling Site: Backroom Basement Bottle No.: HC 8531
Iced: Yes No Treated: Yes No County: HOWARD
Date Collected: 3/27/17 Time Collected: 9:00 am pm
Collector Name: Boleslav Shklyan Collector ID No.: 3179 BS
Collector Tel. No.: 410-313-1727 PWS ID No.:

Test Requested:

Quantitative: Colilert®-QT Enterolert®
P/A: Colilert® Enterolert®
Multiple Tube Fermentation: MTF MTF (AI Method-Source Waters Only)
Heterotrophic Plate Count (HPC-Pour Plate Method)

13
County Plant No. Sampling Station
66 00 00 00
pH Res. Cl: Free Total

OTHER: *Send results to
REMARKS: 1009 WOOD ST, LANHOLM 20707

LABORATORY RECORD (DHMH Use Only)

Test Method(s): SM 9223 Colilert® SM 9223 Colilert®QT SM 9223 Colilert®-18
 SM 9221 B (MTF) SM 9221 B, E (MTF) SM 9221 E (AI)
(Check all that apply) SM 9215B (HPC) Enterolert® ASTM D6503-99
 OTHER: _____
Temperature Control: 33 °C
Thiosulfate: Present Absent Undetermined

P/A TEST (Colilert®/Enterolert®) QUANTITATIVE TEST (Colilert®-QT/Enterolert®) HETEROTROPHIC PLATE COUNT (Pour Plate Method, Plate Count Agar)
100 mL sample (+/-) Dilution 100 mL sample # Positive wells MPN/100 mL
Total coliforms 1:10 0 < 1
5 0 < 1
15 0 < 1
15 0 < 1
15 0 < 1
E. coli
Enterococci
Plate A: Plate B:
Incubate 24.48.72 hrs @ 35°C (CFU/ml) =
Average:

MAR 27 '17 PM 1:47
RECEIVED
MAR 27 '17 PM 3:41
PLACED IN INCUBATOR
MAR 28 '17 AM 9:56
RESULTS READ/REPORTED

RECEIVED
MAR 30 2017
HOWARD COUNTY HEALTH DEPT.
COMMUNITY HYGIENE PROGRAM
PRESUMPTIVE MTF TEST
mL of Sample 10
Gas/24h
Gas/48h
CONFIRMED MTF TEST (MTF/AI Method)
mL of Sample 10 1 0.1
Total Coliforms
Fecal Coliforms

RESULTS
No. of Positives (+) MPN/100 mL Recorded Value

SAMPLE INVALIDATION:
 Sample Rejection
 Laboratory Accident
 Other: _____
RESAMPLE REQUIRED:
YES NO
DATE:

BACTERIOLOGIST: K Jones REVIEWED BY/DATE: J. [Signature] 3-28-17
REMARKS: _____
LABORATORY: CENTRAL (443) 681-3960 ES REGIONAL (410) 219-9005 WMD REGIONAL (301) 759-5115

This report shall not be reproduced except in full without the written approval of the laboratory. Results only valid for sample received.



State of Maryland
DHMH-Laboratories Administration
Division of Environmental Chemistry
INORGANICS ANALYTICAL LABORATORY
1770 Ashland Avenue, Baltimore, Maryland 21205
Robert Myers, Ph.D., Director



Certificate of Analysis

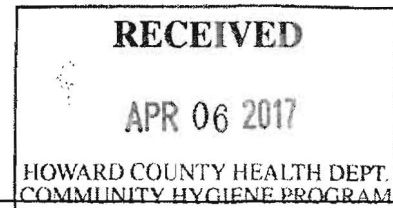
HOWARD CO ENVIRONMENTAL HLTH
8930 STANFORD BLVD
COLUMBIA, MD 21045

Lab Project NoE17003746 Date Coll. 03/27/2017 Date Received 03/27/2017 Submitted By: B. Shklyar

Field ID: HC 8531
Lab No.: E17003746001

<u>Analyte</u>	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
Chloride	SM 4500-Cl E	80	mg/L	03/31/2017
Nitrate + Nitrite, as N	EPA 353.2	2.98	mg N/L	03/31/2017
Total Dissolved Solids	SM 2540C	231	mg/L	03/28/2017
Turbidity	EPA 180.1	16.6	NTU	03/28/2017

Comments:



Approved by: _____

Shakira Aneli

Approval date: 04/04/2017

*The following methods are included in our A2LA Scope of Accreditation: EPA150.1, EPA 353.2, EPA 375.2, SM4500F C, SM 4500-CN G & QCM-CN, QCM-CN.

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

Telephone: (443) 681 - 3855

Fax: (443) 681 - 4507

S:\EnviroFinal-InorganicsA.rpt



State of Maryland
 DHMH-Laboratories Administration
 Division of Environmental Chemistry
TRACE METALS LABORATORY
 1770 Ashland Avenue, Baltimore, Maryland 21205
 Robert Myers, Ph.D., Director



Certificate of Analysis

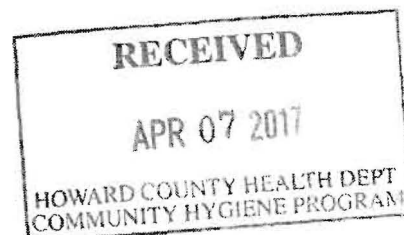
HOWARD CO ENVIRONMENTAL HLTH
 8930 STANFORD BLVD
 COLUMBIA, MD 21045

Lab Project No: E17003747 Date Coll.: 03/27/2017 Date Received 03/27/2017 Submitted By: B. Shyklyar

Field ID: HC8531
 Lab No.: E17003747001

<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.7	Sodium	22.39	ppm	03/31/2017

Comments:



Approved by: Sadia Muneer

Approval date: 04/04/2017

**The following methods are included in our A2LA Scope of Accreditation: EPA 200.7, EPA 200.8, EPA 245.1.

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

Telephone: (443) 681 - 3853

Fax: (443) 681-4507

S:\EnviroFinal-Metals.rpt

Send Report To:

Howard County Health Department
Bureau of Environmental Health
8930 Stanford Blvd.
Columbia, Maryland 21045

State of Maryland
DHMH - Laboratories Administration
Division of Environmental Chemistry
TRACE METALS LABORATORY
1770 Ashland Avenue
Baltimore, Maryland 21205

Lab No. Date Received
E17003747001
Received: 03/27/2017
Metals HC8531

LABORATORY ANALYSIS REQUEST

Do not write above this line

Please Print

Sample ID No: HC 8531 Site Name: Hossein Kazemadeh County: HOWARD

Sample Source: 8531 Edenton Rd, Fulton Collector: B. Shklyav
Street Town or City Name

Date Collected: 3/27/2017 Time Collected: 9:00 a.m. p.m. Phone #: 410-313-1787

Sample Preserved By: Field ESRL WMRL Central Lab
Preservative Used: HNO₃ mL pH: 6.0

Sample Type: Drinking Water Landfill Source (Raw Water) Liquid
Data Category: Community Stream Distribution (Treated) Solid
Code Non-Community Sediment Other
 Private

Specify Program: SDWA NPDES CWA RCRA Consumer Products Other

Type of Sample Preparation: Total Metals Total Metals TCLP Dissolved Metals
(field preparation required)

Remarks: SAMPLE TAKEN FROM BATHROOM BASINENT
* SEND RESULTS TO: 1007 WARD ST, JMDP

✓	Element	Results (ppm)	✓	Element	Results (ppm)
	Antimony (Sb)			Copper (Cu)	
	Arsenic (As)			Lead (Pb)	
	Barium (Ba)			Silver (Ag)	
	Beryllium (Be)			Zinc (Zn)	
	Cadmium (Cd)			Aluminum (Al)	
	Chromium (Cr)			Iron (Fe)	
	Mercury (Hg)			Manganese (Mn)	
	Nickel (Ni)			Calcium (Ca)	
	Selenium (Se)			Magnesium (Mg)	
✓	Sodium (Na) <u>203</u>			Potassium (K)	
	Thallium (Tl)			Uranium (U)	
				Vanadium (V)	

RECEIVED
APR 07 2017
HOWARD COUNTY HEALTH DEPT.
COMMUNITY HYGIENE PROGRAM

Lab Supervisor: _____

Date Reported: ____/____/____

•Phone: (443) 681-3857 •Fax: (443) 681-4507

DHMH 4432 (05/15)

SUBMITTER'S COPY



Howard County
Health Department

Bureau of Environmental Health
8930 Stanford Blvd
Columbia, MD 21045
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

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

Emailed to: MHHK@netzero.com

May 31, 2017

Hassein Kazemzadeh
1003 WARD ST
LAUREL, MD 20707

**RE: Water Sample Results
8535 EDENTON ROAD**

Dear Mr. Kazemzadeh,

We have received the results from the testing of the water sample(s) taken from the above referenced property on May 15, 2017. A description of the results and the established standards for each test is included below. Standards such as maximum contaminant levels (MCL), secondary maximum contaminant levels (SMCL), and drinking water equivalency levels (DWEL) are established by the EPA and other agencies to provide a reference for determining when action should be taken. These standards help to improve the overall quality of your water or ensure that steps are taken to treat the water to prevent you and your family from getting sick. Typically, no water is completely free of contamination but you should be concerned if the level of contamination for a particular test exceeds the standard.

A **Turbidity** sample was collected to determine the amount of suspended particulates in your water supply. The turbidity level was 0.7 nephelometric turbidity units (NTU's). The MCL for turbidity is 10.0 NTU's.

In addition, the presence of **Sand** was not visible within the sample.

Please contact the Health Department at (410) 313-1773 between 8:30 a.m. and 4:30 p.m., Monday through Friday if you have any questions regarding these test results.

Sincerely,

Kathleen Cook, R.S.
Community Hygiene Program

Enclosures



State of Maryland
DHMH-Laboratories Administration
Division of Environmental Chemistry
INORGANICS ANALYTICAL LABORATORY
1770 Ashland Avenue, Baltimore, Maryland 21205
Robert Myers, Ph.D., Director



Certificate of Analysis

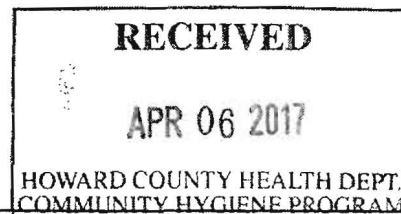
HOWARD CO ENVIRONMENTAL HLTH
8930 STANFORD BLVD
COLUMBIA, MD 21045

Lab Project NoE17003746 Date Coll. 03/27/2017 Date Received 03/27/2017 Submitted By: B. Shklyar

Field ID: HC 8531
Lab No.: E17003746001

<u>Analyte</u>	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
Chloride	SM 4500-Cl E	80	mg/L	03/31/2017
Nitrate + Nitrite, as N	EPA 353.2	2.98	mg N/L	03/31/2017
Total Dissolved Solids	SM 2540C	231	mg/L	03/28/2017
Turbidity	EPA 180.1	16.6	NTU	03/28/2017

Comments:



Approved by: *Shabana Aneli*

Approval date: 04/04/2017

*The following methods are included in our A2LA Scope of Accreditation: EPA150.1, EPA 353.2, EPA 375.2, SM4500F C, SM 4500-CN G & QCM-CN. QCM-CN.

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

Telephone: (443) 681 - 3855

Fax: (443) 681 - 4507

S:\EnviroFinal-InorganicsA.rpt

Send Report To:

Howard County Health Department
Bureau of Environmental Health
8800 Stanford Blvd.
Columbia, Maryland 21045

State of Maryland
DHMH - Laboratories Administration
Division of Environmental Chemistry
TRACE METALS LABORATORY
1770 Ashland Avenue
Baltimore, Maryland 21205

Lab No. Date Received
E17003747001
Received: 03/27/2017
Metals HC8531

LABORATORY ANALYSIS REQUEST

Do not write above this line

Please Print

D

Sample ID No: HC 8531 Site Name: Hossein Kazemadeh County: Howard

Sample Source: 8531 Edenton Rd, Fulton Collector: B. Shklyar
Street Town or City Name

Date Collected: 3/27/2017 Time Collected: 9:00 a.m. p.m. Phone #: 410-313-1787

Sample Preserved By: Field ESRL WMRL Central Lab
Preservative Used: HNO₃ mL pH: 6.0

Sample Type: Drinking Water Landfill Source (Raw Water) Liquid
Data Category: Community Stream Distribution (Treated) Solid
Code Non-Community Sediment Other
 Private

Specify Program: SDWA NPDES CWA RCRA Consumer Products Other

Type of Sample Preparation: Total Metals Total Metals TCLP Dissolved Metals
(field preparation required)

Remarks: SAMPLE TAKEN FROM BATHROOM BASEMENT
* SEND RESULTS TO: 1803 WARD ST. LANE ICOP

✓	Element	Results (ppm)	✓	Element	Results (ppm)
	Antimony (Sb)			Copper (Cu)	
	Arsenic (As)			Lead (Pb)	
	Barium (Ba)			Silver (Ag)	
	Beryllium (Be)			Zinc (Zn)	
	Cadmium (Cd)			Aluminum (Al)	
	Chromium (Cr)			Iron (Fe)	
	Mercury (Hg)			Manganese (Mn)	
	Nickel (Ni)			Calcium (Ca)	
	Selenium (Se)			Magnesium (Mg)	
✓	Sodium (Na) <u>2MS</u>			Potassium (K)	
	Thallium (Tl)			Uranium (U)	
				Vanadium (V)	

RECEIVED
APR 07 2017
HOWARD COUNTY HEALTH DEPT.
COMMUNITY HYGIENE PROGRAM

Lab Supervisor: _____

Date Reported: ___/___/___

•Phone: (443) 681-3857 •Fax: (443) 681-4507

DHMH 4432 (05/15)

SUBMITTER'S COPY



State of Maryland
DHMH-Laboratories Administration
Division of Environmental Chemistry
TRACE METALS LABORATORY
1770 Ashland Avenue, Baltimore, Maryland 21205
Robert Myers, Ph.D., Director



Certificate of Analysis

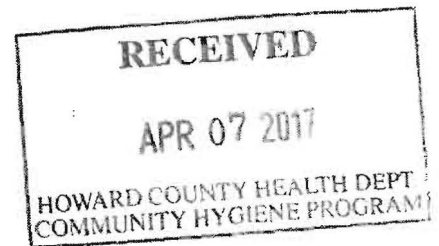
HOWARD CO ENVIRONMENTAL HLTH
8930 STANFORD BLVD
COLUMBIA, MD 21045

Lab Project No: E17003747 Date Coll.: 03/27/2017 Date Received 03/27/2017 Submitted By: B. Shyklyar

Field ID: HC8531
Lab No.: E17003747001

<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.7	Sodium	22.39	ppm	03/31/2017

Comments:



Approved by: Sadia Ahmed

Approval date: 04/04/2017

**The following methods are included in our A2LA Scope of Accreditation: EPA 200.7, EPA 200.8, EPA 245.1.

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

Telephone: (443) 681 - 3853

Fax: (443) 681-4507

S:\EnviroFinal-Metals.rpt



State of Maryland
DHMH-Laboratories Administration
Division of Environmental Chemistry
INORGANICS ANALYTICAL LABORATORY
1770 Ashland Avenue, Baltimore, Maryland 21205
Robert Myers, Ph.D., Director



Certificate of Analysis

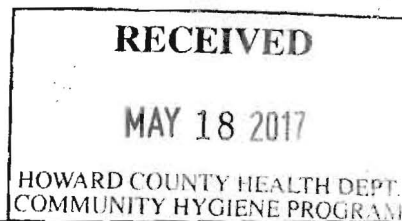
HOWARD CO ENVIRONMENTAL HLTH
8930 STANFORD BLVD
COLUMBIA, MD 21045

Lab Project No: E17004491 Date Coll. 05/15/2017 Date Received 05/15/2017 Submitted By: Shklyar

Field ID: HC8531
Lab No.: E17004491002

<u>Analyte</u>	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
Turbidity	EPA 180.1	0.7	NTU	05/16/2017

Comments:



Approved by: *Shahin Aneli*

Approval date: 05/18/2017

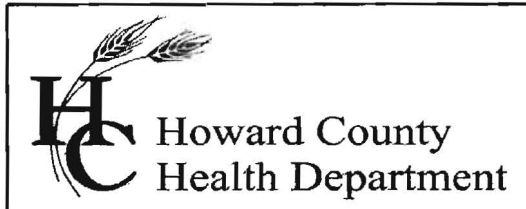
*The following methods are included in our A2LA Scope of Accreditation: EPA150.1, EPA 353.2, EPA 375.2, SM4500F C, SM 4500-CN G & QCM-CN, QCM-CN.

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

Telephone: (443) 681 - 3855

Fax: (443) 681 - 4507

S:\EnviroFinal-InorganicsA.rpt



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: [HowardCoHealthDep](https://twitter.com/HowardCoHealthDep)

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

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – **DECEMBER 6, 2017**

June 6, 2017

Homeowner

8535 Edenton Road (a.k.a. 8531 Edenton Road)

Fulton, MD 20759

**RE: Beaufort Park, Lot 3/4
8535 Edenton Road (a.k.a. 8531 Edenton Road)
Building Permit: B15000676
Well Permit: HO-95-2658**

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 **7/29/2016**. Final approval of the well line connection to the dwelling was granted on **8/19/2015**. The well construction was completed on **4/25/2014**. Water samples were collected on **3/27/2017 & 5/15/2017**.

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. 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-95-2658. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies.

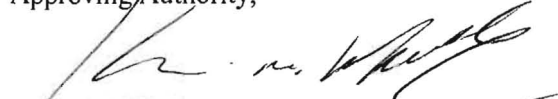
This Interim Certificate of Potability will expire **six months** from the date of issuance. Submission of a second bacteriological test indicating the water is free of coliform and fecal coliform bacteria is required prior to the expiration date, after which time a Final Certificate of Potability will 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 Maryland certified water 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" which illustrates a better understanding for your Best Available Technology (BAT). You will also find a link to Maryland Department of the Environments website which describes in further detail operation and maintenance of your BAT.

Approving Authority,



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

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



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(410) 313-2640 Fax (410) 313-2638
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, 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:
Beaufort 3/4 Edenton Rd
Subdivision/Property Name Lot# Road Name

The well site has been staked by Sill Adcock + Assoc LLC
(professional land surveyor or company employing professional land surveyors)
on 03/06/14 (date) and does not require a site inspection.

The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

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

Revised 3/11/05

Sill • Adcock &
Associates • LLC

Engineers • Surveyors • Planners

December 18, 2013

Howard County Environmental
Health Department Well & Septic Program
7178 Columbia Gateway Drive
Columbia, Maryland 21046

Attn: Ms. Heidi Scott

Re: Beaufort Park
Lot 3

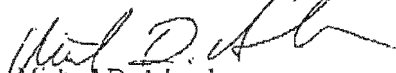
Dear Ms. Scott

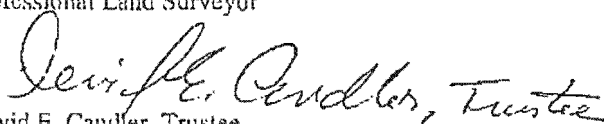
On behalf of the owner/developer of the above referenced project, we are requesting a variance to allow well down gradient of neighboring septic system. The well box will meet the required 200' setback. We are requesting this variance for the following reasons:

- Lot 3: At the closest point, the proposed well area for Lot 3 is 204' +/- from the existing septic area on Lot 2. There is a broad swale between the existing septic area and proposed well location that will aid in diverting the ground water flow from adjacent lot away from proposed well location.

Thank you for your consideration of this request. Should you have any questions or comments regarding this matter, please do not hesitate to contact this office.

Sincerely,
Sill, Adcock & Associates, LLC


Michael D. Adcock
Professional Land Surveyor


David E. Candler, Trustee
of the Odelle H. Candler Revocable Trust

MA/kmc