

C 1 4493

PERMITS OF
MHA USE ONLY

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER 17666

DATE RECEIVED (MHA USE ONLY)

July 16, 1975
DATE WELL COMPLETED

DEPTH OF WELL 125
(TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"
410-73-1066

DRILLERS IDENTIFICATION NO. 258

OWNER: Commitment (last name) Woodhore (first name)
STREET OR RFD: 15648 Union Chapel Rd POST OFFICE

WELL LOG
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATCH BEARING

Brown shale 0 10
gray granite 10 125

7-18-75
20' grout
7 bags
OK J.S.

GROUTING RECORD
WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) Y N
TYPE OF GROUTING MATERIAL (CIRCLE BOX)
CEMENT C M B C
NO. OF BAGS 7 NO. OF POUNDS 158
GALLONS OF WATER 42
DEPTH OF GROUT SEAL (TO NEAREST FOOT)
FROM 0 FT. TO 20 FT.

CASING RECORD
CIRCUIT TYPE (CIRCLE APPROPRIATE CODE)
STEEL S I C D
PLASTIC P L O T
MAIN CASING TYPE S T
NOMINAL DIAMETER (NEAREST INCH) 6
TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 23

OTHER CASING (IF USED)
DIAMETER (INCH) DEPTH (FEET)
FROM TO

SCREEN RECORD
SCREEN TYPE (CIRCLE APPROPRIATE CODE)
STEEL S T B R H O
PLASTIC P L O T

REACH SURFACE
DEPTH (NEAREST WHOLE FOOT)
1 10 21 32 43 54

DIAMETER OF SCREEN (NEAREST INCH)
FROM TO

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL (CIRCLE BOX) F

TELESCOPE CASING T I S
LOG INDICATOR L I

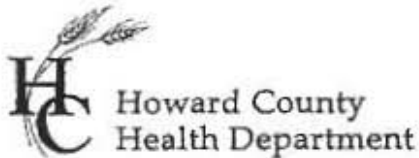
PUMPING TEST
HOURS PUMPED (TO NEAREST HOUR) 2
PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 10
METHOD USED TO MEASURE PUMPING RATE HLU
WATER LEVEL (DISTANCE FROM LAND SURFACE BEFORE PUMPING) 30
WHEN PUMPING 5
TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX)
AIR A R P T
CENTRIFUGAL C R N O
JET J S

PUMP INSTALLED
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE) A, C, J, P, R, S, T, O
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) Y N
CAPACITY:
GALLONS PER MINUTE (TO NEAREST GALLON) 31 33
PUMP HORSE POWER 37 41
PUMP COLUMN LENGTH (NEAREST FOOT) 43 47
CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)
ABOVE + - BELOW
LAND SURFACE 2
LOCATION OF WELL ON LOT

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).



CIRCLE APPROPRIATE BOXES
 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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.
DRILLERS NAME
PLEASE PRINT Joseph L. Mayne
SIGNATURE Joseph L. Mayne



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

August 20, 2015

Jill Sears
1390 STATE ROUTE 97
SYKESVILLE, MD 21784

RE: Water Sample Results
1390 STATE ROUTE 97

Dear Ms. Sears,

We have received the results from the testing of the water sample(s) taken from the above referenced property on August 04, 2015. 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 sample was collected to determine the levels of **Chlorides** in your water supply. The chloride level was 380 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 870 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 205.70 parts per million. The DWEL for Sodium is 20 parts per million.

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,

Ramar Martin, 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 NoE16000986 Date Coll. 09/08/2015 Date Received 09/08/2015 Submitted By: Shklyar

Field ID: HC 1390
Lab No.: E16000986001

<u>Analyte</u>	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
Chloride	SM 4500-Cl E	450	mg/L	09/10/2015
Total Dissolved Solids	SM 2540C	1017	mg/L	09/10/2015

Comments:

Approved by: *Shahela Aneli*

Approval date: 09/14/2015

*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.

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
ENVIRONMENTAL METALS SECTION
 201-W-Preston-Street-Baltimore-Maryland-21201
 Robert A. Myers Ph.D. Director


E1600040001
 Received: 08/04/2015
 Metals HC1390

LABORATORY ANALYSIS REQUEST
 Please Print

*PH
 68-04-15*

Sample ID No: HC1390 Site Name: Jill Sears County: Howard

Sample Source: 1390 State Route 97, Sykesville Collector: B. Shklyar
Street Town or City Name

Date Collected: 8/4/2015 Time Collected: 11:00 a.m. p.m. Phone #: 410-312-1787

Sample Preserved By: Field ESRL WMRL Central Lab

Preservative Used: HNO₃ pH < 2

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 water TAP

✓	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) <i>det</i>			Potassium (K)	
	Thallium (Tl)			Uranium (U)	

Lab Supervisor: _____

Date Reported: / /

DHMH 4432 (4/13)

•Phone: (410) 767-6186

•Fax: (410) 333-5122

SUBMITTER'S COPY

RECEIVED

AUG 20 2015

HOWARD COUNTY HEALTH DEPT.
 COMMUNITY HYGIENE PROGRAM



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: E16000400 Date Coll.: 08/04/2015 Date Received 08/04/2015 Submitted By: Shklyar

Field ID: HC1390
Lab No.: E16000400001

<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.7	Sodium	205.70	ppm	08/07/2015

RECEIVED

AUG 20 2015

HOWARD COUNTY HEALTH DEPT.
COMMUNITY HYGIENE PROGRAM

Comments:

Approved by: Sadia Muneer

Approval date: 08/11/2015

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

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Telephone: (443) 681 - 3853

Fax: (443) 681-4507

S:\EnviroFinal-Metals.rpt

FAKED COPY Sent 8-6-15 my

SEND REPORT TO:

Howard County Health Department
Bureau of Environmental Health
8930 Stanford Blvd.
Columbia, Maryland 21045
PHONE NO. _____

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

MICROBIOLOGICAL ANALYSIS OF DRINKING WATER

402126

Category Code: 46

Invoice No.: 30926

Lab No.: _____

FIELD RECORD

Sample Type: Community Transient Non-Transient Private Repeat Sample C.O.P. Bottled Water OTHER: _____

Source Address: Jill Sears, 1390 State Route 97
Sampling Site: Bath room 1st floor Bottle No.: HC1390
Iced: Yes No Treated: Yes No County: HOWARD
Date Collected: 8/4/15 Time Collected: 11:00 am pm
Collector Name: Borislov Sakhar Collector ID No.: 3179 BS
Collector Tel. No.: 410-313-1797 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)
OTHER: _____

1	3				
County		Plant No.		Sampling Station	
	7.0	0.0	0.0	0.0	0.0
pH		Res. Cl.	Free	Total	

REMARKS: _____

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 (A1) SM 9215B (HPC) Enterolert® ASTM D6503-99 OTHER: _____

Temperature Control: 4 °C 1 °F

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	(+/-)
Total coliforms	
<i>E. coli</i>	
Enterococci	

Dilution	100 mL sample	# Positive wells	MPN/100 mL
<input type="checkbox"/> 1:10		2	2
<input type="checkbox"/> 1:100		0	<1
<input type="checkbox"/> 1:1000			

Plate A: Plate B:
Incubate 24.48.72 hrs @ 35°C (CFU/ml) =
Average:

PRESUMPTIVE MTF TEST

mL of Sample	10
Gas/24h	
Gas/48h	

AUG 11 2015

CONFIRMED MTF TEST (MTF/AI Method)

mL of Sample	10
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: _____

RECEIVED
AUG 4 15 PM 3:47
AUG 4 15 PM 4:22
PLACED IN INCUBATOR
AUG 5 15 PM 4:24
RESULTS READ/REPORTED

BACTERIOLOGIST: [Signature] / 8/5/15 REVIEWED BY/DATE: G. King / 8/5/15
REMARKS: _____
LABORATORY: CENTRAL (410) 767-6145 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

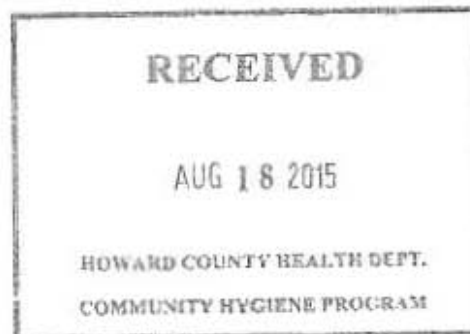
HOWARD CO ENVIRONMENTAL HLTH
8930 STANFORD BLVD
COLUMBIA, MD 21045

Lab Project NoE16000399 Date Coll. 08/04/2015 Date Received 08/04/2015 Submitted By: B. Shklyar

Field ID: HC 1390
Lab No.: E16000399001

<u>Analyte</u>	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
Chloride	SM 4500-Cl E	380	mg/L	08/14/2015
Total Dissolved Solids	SM 2540C	870	mg/L	08/07/2015

Comments:



Approved by: *Shahin Aali*

Approval date: 08/17/2015

*The following methods are included in our A2LA Scope of Accreditation: EPA150.1, EPA 353.2, EPA 375.2, SM1500F C, SM 4500-CN G & QCM-CN, QCM-CN.

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Telephone: (443) 681 - 3855

Fax: (443) 681 - 4507

S:\EnviroFinal-InorganicsA.rpt

Wolf, Kevin

From: Youmans, Monna
Sent: Wednesday, July 22, 2015 4:34 PM
To: Wolf, Kevin
Subject: Grants

Kevin,
Jill Sears called today because she had her water tested by a private lab and the salt content was over 500. Her plumber suggested she call us for information on getting a grant. I'm not sure who she needs to speak to. Her phone number is: 410-442-1575. Her address is 1390 Rt 97, Cooksville.

Thanks
Monna

Monna Youmans, Secretary
Howard County Health Department
Community Hygiene Program
(410) 313-1773
Fax: (410) 313- 2648

A17667
P26977

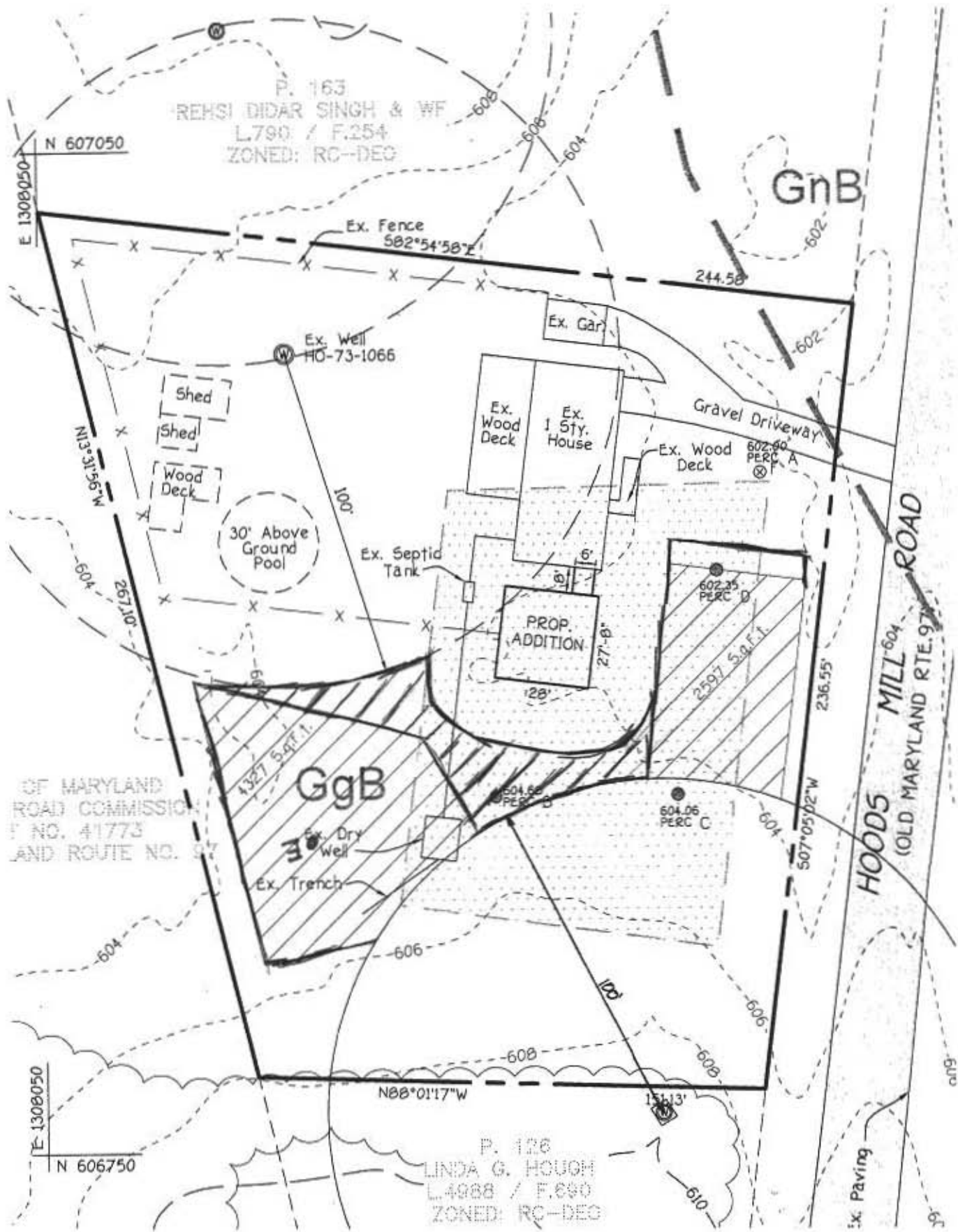
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1390 Hoods Mill Road – site layout for possible salt contamination





P. 163
 REHSI DIDAR SINGH & WF
 L.790 / F.254
 ZONED: RC-DEG

GnB

GgB

OF MARYLAND
 ROAD COMMISSION
 NO. 41773
 AND ROUTE NO. 97

HOODS MILL ROAD
 (OLD MARYLAND RTE. 97)

P. 126
 LINDA G. HOUGH
 L.4988 / F.690
 ZONED: RC-DEG

Ex. Paving

FILE INQUIRY NOTES

1390 Woods Mill Rd.

DATE	RESULTS OF REVIEW FOR FILE
7/27/15	<p>Owner Explained of high 'salt' content in well water. Had private H₂O testing lab analyze the water. Homeowner explained every 2 yrs water tank gets replaced. I explained the we need to see copy of results and that we need to schedule something from Health Dept for TDS / Sodium / Chlorides. (KMD)</p>
8/26/15	<p>Spoke w/ owner Jill Sears, results very elevated. I explained that she could need to contact a plumber or water conditioning consultant/company experienced in the kind of treatment. Anything Point-of-use is OK. Anything "whole-house" require permits from a Also mentioned was possibility of drilling a new well may not solve salt issue though. This will also req permits. She mentioned of payment for all the hardship she has been thru (ie. new water heater etc) I told her she will need to talk to county / state for that issue. We can only make recommendations @ this time. More to follow.</p> <p>File: Treatment treatment → H₂O softener + Neutralizer. ↳ will schedule Post-treated supply (KMD)</p>