

C1 36441

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: Greenleaf Builders, WELL SITE ADDRESS: 11855 Linn Kela Rd, TOWN: Fulton, SUBDIVISION: Single Parcels, SECTION: , LOT:

WELL LOG Not required for driven wells

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box)

C 3 PUMPING TEST

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

TYPE OF GROUTING MATERIAL (Circle one)

HOURS PUMPED (nearest hour) 3

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows: Sand 0-69, Mica 69-360, Water HO 180-250.

CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 26 NO. OF POUNDS 2244 GALLONS OF WATER 156 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 70

PUMPING RATE (gal. per min.) 5 METHOD USED TO MEASURE PUMPING RATE Bucket

CASING RECORD casing types insert appropriate code below: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER)

WATER LEVEL (distance from land surface) BEFORE PUMPING 21 ft. WHEN PUMPING 242 ft.

MAIN CASING TYPE: ST Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 72

TYPE OF PUMP USED (for test) S submersible

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

PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (YES OR NO) YES NO

NUMBER OF UNSUCCESSFUL WELLS: 0

SCREEN RECORD screen type or open hole: ST (STEEL), BR (BRASS), PL (PLASTIC), HO (OPEN HOLE), OT (OTHER)

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29: S

WELL HYDROFRACTURED YES Y NO N

DEPTH (nearest ft.) HO 71 360

PUMP COLUMN LENGTH (nearest ft.) 37 41

CIRCLE APPROPRIATE LETTER: A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

SCREEN RECORD: ST, BR, PL, HO, OT

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

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...

DIAMETER OF SCREEN (NEAREST INCH) 58 80

PUMP HORSE POWER 37 41

DRILLERS LIC. NO.: MSDE 24, DRILLERS SIGNATURE: Joseph L. Moore

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

PUMP COLUMN LENGTH (nearest ft.) 43 47

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W.O

CASING HEIGHT (circle appropriate box and enter casing height) + above 49 LAND SURFACE - below 1 (nearest foot)

LATITUDE 39.151024 LONGITUDE 76.924192 (DEFAULT COORD. WGS 84)

Pursuant to §10-624 of the State Govt. Article of the Maryland Code personal info. requested on this form is used in processing this form pursuant to COMAR 26.04.04. Failure to provide the info. may result in this form not being processed.



MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION  
1800 Washington Blvd., Baltimore, Maryland 21230 (410) 537-3784

\*\*\*\*\*  
WATER WELL ABANDONMENT-SEALING REPORT FORM  
\*\*\*\*\*

**SUBMIT COPIES OF COMPLETED FORM TO:**

- \* COUNTY ENVIRONMENTAL AGENCY (contact MDE, WMA if address needed)
- \* WELL OWNER
- \* MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: 12-11-2015 (month/day/year)

\* PERMIT NUMBER OF ABANDONED WELL (if any) none

\* PERMIT NUMBER OF REPLACEMENT WELL: Ho-15-0179

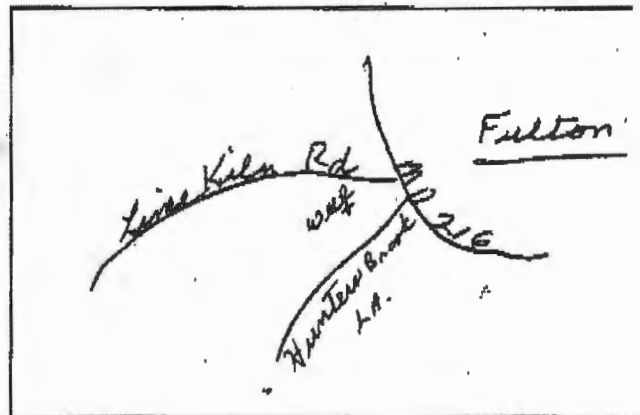
\* PERSON ABANDONING WELL: Joseph L. Mayne

WELL DRILLER'S LICENSE NUMBER: MSD 024  
CIRCLE: MWD / MSD / MGD

\* OWNER'S NAME: Greenleaf Building

\* WELL LOCATION:  
COUNTY: Howard  
NEAREST TOWN: Fulton  
TAX MAP 46 BLOCK 1 PARCEL 182  
SUBDIVISION: Singh Property  
SECTION: 7 LOT:  
STREET ADDRESS: 11855 Lime Kiln Rd

SITE LOCATION MAP



LATITUDE 39.150907

LONGITUDE 76.924314

\* TYPE OF WELL BEING ABANDONED:  
 DRILLED  JETTED  
 BORED  HAND DUG  
 OTHER (specify) \_\_\_\_\_

\* USE CODE:  
 DOMESTIC  MUNICIPAL/PUBLIC  
 IRRIGATION  INDUSTRIAL  
 TEST/OBSERVATION  GEOTHERMAL

\* TYPE OF CASING:  
 STEEL  PLASTIC  
 CONCRETE  OTHER (specify) \_\_\_\_\_

SIZE OF CASING: 6 3/4 INCHES IN DIAMETER

DEPTH OF WELL: 60 FEET DEEP

WAS ANY CASING REMOVED?  YES  NO  
If yes, length removed, in feet: \_\_\_\_\_

WAS CASING RIPPED OR PERFORATED?  YES  NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
<u>Cement + gravel mixed</u>	<u>0</u>	<u>60</u>
VOLUME OF MATERIAL USED		

SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN LICENSE#  
Joseph L. Mayne

MSD 024 MWD / MSD / MGS 12-15-2015 \*  
CIRCLE ONE DATE

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

**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: T+R PLUMBING Telephone #: \_\_\_\_\_  
 Address: \_\_\_\_\_

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

**\*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: \_\_\_\_\_ Telephone #: \_\_\_\_\_  
 Subdivision: \_\_\_\_\_ Lot #: \_\_\_\_\_ Well Tag #: HO-15-0179 12/27/2018 (C)  
 Site Address: \_\_\_\_\_

**Submersible Pump Data**

Make: \_\_\_\_\_ Model #: \_\_\_\_\_ Pump Capacity \_\_\_\_\_  
 Well Yield: \_\_\_\_\_ GPM NSF/WSC approved: \_\_\_\_\_  
 Depth of well encountered at time of pump installation: \_\_\_\_\_ (feet)

**Pitless Adapter**

Make: \_\_\_\_\_ Model #: \_\_\_\_\_  
 GPM Depth: \_\_\_\_\_ (36" min)

**Well Cap and Electric Conduit**

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

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: \_\_\_\_\_  
 PSI: \_\_\_\_\_ (160 psi min)  
 Depth of supply line: \_\_\_\_\_ (36" min)

**House Connection**

PVC sleeve to undisturbed soil at wall penetration: \_\_\_\_\_  
 Length of sleeve(5' minimum from foundation): \_\_\_\_\_  
 Sleeve sealed properly: \_\_\_\_\_

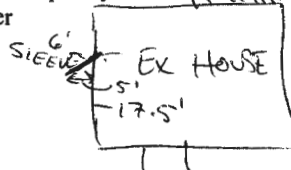
**The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.**

Signature of company representative responsible for installation \_\_\_\_\_ date \_\_\_\_\_

**For Health Department Use Only - Not to be completed by installer**

Date Insp. Requested: 12/27/2018 Date Insp. Approved: 12/27/2018 Inspector: (C)  
 Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade  43" 12/27/2018 (C)  
 Two piece cap installed and attached to casing securely   
 Elec. conduit extends at least 18" below grade/attached to cap properly  40" 12/27/2018 (C)  
 Safety rope not outside of well cap/casing   
 Correct well tag attached properly and casing 8" above finished grade  8" 12/27/2018 (C)  
 Water supply line sleeved adequately at house connection   
 Adequate grout observed below pitless adapter

(Revised form 10/24/2018)



**INTERIM CERTIFICATE OF POTABILITY**

**Expiration Date – NOVEMBER 28, 2019**

May 28, 2019

Homeowner  
11855 Lime Kiln Road  
Fulton, MD 20759

**RE: Singh Property, P. 182**  
**11855 Lime Kiln Road**  
**Building Permit: B180002190**  
**Well Permit: HO-15-0179**

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 **12/31/2018**. Final approval of the well line connection to the dwelling was granted on **12/27/2018**. The well construction was completed on **12/21/2015**. Water samples were collected on **5/14/2019**.

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-15-0179. 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>



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

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

In closing, please refer to our "Homeowner Fact Sheet" which illustrates a better understanding for your Onsite Sewage Disposal System. You will also find a link to Maryland Department of the Environments website which describes in further detail operation and maintenance of your septic system.

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

# ENVIRO-CHEM LABORATORIES, INC.



47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-472-1112

## FINAL REPORT OF ANALYSIS

Green Leaf Builders LLC  
1601 Jackson St  
Baltimore, MD 21230

Report Date: 05/23/2019  
Report Number: 190523100504  
Use and Occupancy  
PERMIT #:

LAB#- E058643-01      SAMPLE ID- 11855 Lime Kiln Rd      WELL #      HO 15-0179  
LOCATION- Kitchen Sink      SAMPLER- B Grocott #7618 BG  
DATE SAMPLED- 05/14/2019      TIME SAMPLED- 11:55      CHLORINE- <0.05 mg/L  
DATE RECEIVED- 05/14/2019      TIME RECEIVED- 13:41  
DELIVERED BY- Benjamin Grocott      RECEIVED BY- Ginny Shelley  
COMMENTS- Secure well, 2 piece metal cap and casing. No treatment.

### COMMENTS-

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DATA FLAG
<b>Microbiology by Enviro-Chem</b>					
Total Coliform	SM 9223B	05/14/19 14:00	VPS	Absent	PASS
E. Coli	SM 9223B	05/14/19 14:00	VPS	Absent	PASS

Based on coliform bacteriological standards, at the time of sampling this water was **SAFE** for drinking water purposes.

### Wet Chemistry by Enviro-Chem

Nitrate (as N)	EPA 300.0	05/14/19 20:44	SES	0.6	mg/L	PASS
pH	SM4500-H+B	05/14/19 16:10	FRD	6.9	SU	
Turbidity	EPA 180.1	05/14/19 16:10	FRD	2.8	NTU	

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410-472-1112

## FINAL REPORT OF ANALYSIS

Green Leaf Builders LLC  
1601 Jackson St  
Baltimore, MD 21230

Report Date: 05/23/2019  
Report Number: 190523100504  
Use and Occupancy  
PERMIT #:

LAB#- E058643-02      SAMPLE ID- 11855 Lime Kiln Rd      WELL #      HO 15-0179  
LOCATION- Pressure Tank      SAMPLER- B Grocott #7618 BG  
DATE SAMPLED- 05/14/2019      TIME SAMPLED- 12:05      CHLORINE-  
DATE RECEIVED- 05/14/2019      TIME RECEIVED- 13:41  
DELIVERED BY- Benjamin Grocott      RECEIVED BY- Ginny Shelley  
COMMENTS- Secure well, 2 piece metal cap and casing. No treatment.

COMMENTS-

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DATA FLAG
<b>Total Metals by EPA 200.7 by Enviro-Chem</b>					
Sodium	EPA 200.7	05/16/19 11:44	RAS	8.18	mg/L
<b>Wet Chemistry by Enviro-Chem</b>					
Chloride	EPA 300.0	05/16/19 21:05	BMG	47.3	mg/L
Dissolved Solids	SM 2540C	05/16/19 14:10	FRD	248	mg/L
Sand	EPA 160.5	05/14/19 14:30	VPS	< 0.5	ml/L/Hr

Stephen Shelley  
Laboratory Director

Certifications

State of Maryland Laboratory

#192

# ENVIRO-CHEM LABORATORIES, INC.

## INVOICE

IE23003

47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-472-1112

**Invoice To:**

Stephen Forney  
Green Leaf Builders LLC  
1601 Jackson St  
Baltimore, MD 21230

<b>Invoiced Date</b> 23-May-19	<b>Terms: Net 30</b>	<b>PO Number :</b>	<b>Project Number :</b> 11855 Lime Kiln Rd
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**Project :** 11855 Lime Kiln Rd

**WO #** E058643

Quantity	Analysis Description	Matrix	List Price	Adj(%)	Unit Cost	Extended Cost
1	Chloride by Ion Chromatography	Water	\$20.00		\$20.00	\$20.00
1	Coliform (Presence/Absence)	Water	\$25.00		\$25.00	\$25.00
1	Nitrogen - Nitrate by Ion Chromatography	Water	\$15.00		\$15.00	\$15.00
1	pH	Water	\$5.00		\$5.00	\$5.00
1	Sand	Water	\$10.00		\$10.00	\$10.00
1	Sodium by EPA 200.7	Water	\$15.00		\$15.00	\$15.00
1	Total Dissolved Solids	Water	\$10.00		\$10.00	\$10.00
1	Turbidity	Water	\$5.00		\$5.00	\$5.00
1	Volatile Organics EPA 524.2	Water	\$180.00		\$180.00	\$180.00
<b>Additional Items</b>						
1	Sampling Fee				\$55.00	\$55.00

**Invoice Total :** \$340.00



# CALIBER ANALYTICAL SERVICES

## Certificate of Analysis

Enviro-Chem Laboratories, Inc.  
47 Loveton Circle  
Suite K  
Sparks, MD 21152

Date Received: 05/15/19 11:18  
Date Issued: 05/21/19 15:44  
Matrix: Drinking Water

Project: 11855 Lime Kiln Rd  
Site Location: Hampton, MD  
Project No.: E058643

SDG Number: 19051505

Field Sample ID:	Result	Unit	LLQ	MCL	Method	Prepared	Analyzed	Init.
<b>E058643-02</b>								
<b>Date Sampled: 05/14/19 12:05</b>						<b>Lab ID: 19051505-01</b>		
<b>Volatile Organic Compounds</b>								
							Batch: 22213	
Benzene	ND	ug/L	0.5	5	EPA 524.2	05/21/19	05/21/19 13:30	GFH
Bromobenzene	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
Bromochloromethane	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
Bromodichloromethane	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
Bromoform	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
Bromomethane	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
n-Butylbenzene	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
sec-Butylbenzene	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
tert-Butylbenzene	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
Carbon tetrachloride	ND	ug/L	0.5	5	EPA 524.2	05/21/19	05/21/19 13:30	GFH
Chlorobenzene	ND	ug/L	0.5	100	EPA 524.2	05/21/19	05/21/19 13:30	GFH
Chloroethane	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
Chloroform	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
Chloromethane	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
2-Chlorotoluene	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
4-Chlorotoluene	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
Dibromochloromethane	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
1,2-Dibromo-3-chloropropane (DBCP)	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
1,2-Dibromoethane (EDB)	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
Dibromomethane	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
1,2-Dichlorobenzene	ND	ug/L	0.5	600	EPA 524.2	05/21/19	05/21/19 13:30	GFH
1,3-Dichlorobenzene	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
1,4-Dichlorobenzene	ND	ug/L	0.5	75	EPA 524.2	05/21/19	05/21/19 13:30	GFH
1,1-Dichloroethane	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
1,2-Dichloroethane (EDC)	ND	ug/L	0.5	5	EPA 524.2	05/21/19	05/21/19 13:30	GFH
1,1-Dichloroethene	ND	ug/L	0.5	7	EPA 524.2	05/21/19	05/21/19 13:30	GFH
cis-1,2-Dichloroethene	ND	ug/L	0.5	70	EPA 524.2	05/21/19	05/21/19 13:30	GFH
trans-1,2-Dichloroethene	ND	ug/L	0.5	100	EPA 524.2	05/21/19	05/21/19 13:30	GFH
1,2-Dichloropropane	ND	ug/L	0.5	5	EPA 524.2	05/21/19	05/21/19 13:30	GFH
1,3-Dichloropropane	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
2,2-Dichloropropane	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
1,1-Dichloropropene	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
cis-1,3-Dichloropropene	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
trans-1,3-Dichloropropene	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
Ethylbenzene	ND	ug/L	0.5	700	EPA 524.2	05/21/19	05/21/19 13:30	GFH
Isopropylbenzene	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
p-Isopropyltoluene	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
Methylene chloride	ND	ug/L	0.5	5	EPA 524.2	05/21/19	05/21/19 13:30	GFH
Methyl t-butyl ether (MTBE)	ND	ug/L	0.5	20	EPA 524.2	05/21/19	05/21/19 13:30	GFH
Naphthalene	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
n-Propylbenzene	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH



# CALIBER ANALYTICAL SERVICES

## Certificate of Analysis

Enviro-Chem Laboratories, Inc.  
47 Loveton Circle  
Suite K  
Sparks, MD 21152

Date Received: 05/15/19 11:18  
Date Issued: 05/21/19 15:44  
Matrix: Drinking Water

Project: 11855 Lime Kiln Rd  
Site Location: Hampton, MD  
Project No.: E058643

SDG Number: 19051505

	Result	Unit	LLQ	MCL	Method	Prepared	Analyzed	Init.
Field Sample ID: E058643-02						Date Sampled: 05/14/19 12:05	Lab ID: 19051505-01	
Volatile Organic Compounds							Batch: 22213	
Styrene	ND	ug/L	0.5	100	EPA 524.2	05/21/19	05/21/19 13:30	GFH
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
Tetrachloroethene	ND	ug/L	0.5	5	EPA 524.2	05/21/19	05/21/19 13:30	GFH
Toluene	ND	ug/L	0.5	1000	EPA 524.2	05/21/19	05/21/19 13:30	GFH
1,2,3-Trichlorobenzene	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
1,2,4-Trichlorobenzene	ND	ug/L	0.5	70	EPA 524.2	05/21/19	05/21/19 13:30	GFH
1,1,1-Trichloroethane	ND	ug/L	0.5	200	EPA 524.2	05/21/19	05/21/19 13:30	GFH
1,1,2-Trichloroethane	ND	ug/L	0.5	5	EPA 524.2	05/21/19	05/21/19 13:30	GFH
Trichloroethene	ND	ug/L	0.5	5	EPA 524.2	05/21/19	05/21/19 13:30	GFH
Trichlorofluoromethane	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
1,2,3-Trichloropropane	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
1,2,4-Trimethylbenzene	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
1,3,5-Trimethylbenzene	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
Vinyl chloride	ND	ug/L	0.5	2	EPA 524.2	05/21/19	05/21/19 13:30	GFH
m&p-Xylene	ND	ug/L	1	7500	EPA 524.2	05/21/19	05/21/19 13:30	GFH
o-Xylene	ND	ug/L	0.5	2500	EPA 524.2	05/21/19	05/21/19 13:30	GFH
tert-Butanol (TBA)	ND	ug/L	5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
Ethyl t-butyl ether (ETBE)	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
Diisopropyl ether (DIPE)	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
tert-Amyl methyl ether (TAME)	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
tert-Amyl alcohol (TAA)	ND	ug/L	5		EPA 524.2	05/21/19	05/21/19 13:30	GFH
tert-Amyl ethyl ether (TAEE)	ND	ug/L	0.5		EPA 524.2	05/21/19	05/21/19 13:30	GFH

Approved by: Matt Cohen  
QC Chemist

**Notes/Qualifiers:**

LLQ- Lowest Level of Quantitation

MCL - Maximum Contaminant Level. The highest level of a contaminant that is allowed in drinking water. MCLs are associated with regulated analytes. They are enforceable standards.

ND - Not Detected at a concentration greater than or equal to the LLQ.

The above analyses performed by Maryland State Certified Water Quality Laboratory #320.

\* - Methyl t-butyl ether (MTBE) limit based on MDE guidance document. It is not federally promulgated or enforceable.

SUBCONTRACT ORDER

Enviro-Chem

E058643

SENDING LABORATORY:

Enviro-Chem  
47 Loveton Cir Suite K  
Sparks, MD 21152  
Phone: 410-472-1112  
Fax: 410-472-1116  
Project Manager: Stephen Shelley

RECEIVING LABORATORY:

CALIBER  
8851 Orchard Tree Lane  
Towson, MD 21286-  
Phone :410-825-1151  
Fax: (410) 825-2126

WO# Due 21-May-19 17:00

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: E058643-02	Water	Sampled:14-May-19 12:05	19051505	
524.2 (Drinking Water)	21-May-19 17:00	28-May-19 12:05		
Containers Supplied:				
VOA, 40ml, HCL (D)	VOA, 40ml, HCL (E)	VOA, 40ml, HCL (F)		

11855 Lime kiln Rd

11855 Lime kiln Rd  
pressure tank  
B Brockett

5.5°C  
JSL

Released By [Signature] Date 5/15/19 1118  
Received By [Signature] Date 5/15/19 1118

Released By \_\_\_\_\_ Date \_\_\_\_\_  
Received By \_\_\_\_\_ Date \_\_\_\_\_



Carroll Water<sup>SM</sup>  
purifying the essential

June 5, 2018

Green Leaf Builders  
Steve Forney  
1601 Jackson St Baltimore MD 21230  
Job Location: 11855 Lime Kiln RD Fulton MD 20759  
Well Tag# -

Mr. Kevin Wolfe,

On 5/21/18 Carroll Water went out to abandon the well located at 11855 Lime Kiln Rd. Upon cleaning out the well pit, removing all well system components, our Driller observed that the well had concrete in it. On 5/30/18 CW returned and broke down and removed the well pit, torched the casing to blow the previous level of the well pit and observed there was still concrete in the well. The location of the well is Lat-39.1508 and Lag- -76.942428. Attached are pictures of the location and the well.

Marty Dixon III  
MDS066

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

September 21, 2018

TO: Stephen Forney, Applicant  
Green Leaf Builders LLC

RE: Building Permit Application B18002190; 11855 Lime Kiln Road (Tax Map 46, Parcel 182), Plot Plan revision

Dear Mr. Forney,

I have reviewed the document submitted to the Bureau on September 19. With exception for the septic tank location on the Plot Plan, we find that the supporting documentation submitted is acceptable. However, the Plot Plan must be revised.

On August 16, 2018, an Environmental Health Specialist in the Well & Septic Program inspected and observed the location of the septic tank as it had been completely exposed. The location observed in relation to the neighboring residence and well, and the well on the subject property, is different than indicated on the Plot Plan (July 23, 2018) generated by Sill Engineering Group, Inc.. The referenced measurements were recorded on a Site Inspection Sheet which I have scanned and enclosed with this letter.

After correction for the septic tank location, submit the revised Plot Plan with an official revision request form directly to DILP. The Building Permit (B18002910) remains 'On Hold' and may be released by the Health Department when we can confirm that the corrected Plot Plan has been submitted to DILP.

If you have questions regarding these comments you may contact me by email ([rbricker@howardcountymd.gov](mailto:rbricker@howardcountymd.gov)) or by phone at (410)313-2691

Respectfully,



ROBERT BRICKER, REHS/R.S., L.E.H.S.

ENVIRONMENTAL SANITARIAN II

BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM

8930 STANFORD BLVD., COLUMBIA, MD 21045

RB

Enclosure: Site Inspection Sheet (8/16/2018)

Copy: Paul Sill, Sill Engineering Group, Inc.  
file

**Bricker, Robert**

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**From:** Bricker, Robert  
**Sent:** Tuesday, July 24, 2018 1:42 PM  
**To:** hrbuilder@comcast.net  
**Cc:** Williams, Jeffrey  
**Subject:** 11855 Lime Kiln Road\_follow-up

Dear Mr Forney,

After discussions within the Bureau of Environmental Health, it has been determined that the area of the attached garage would not be counted as part of the total enclosed area for the proposed residence at 11855 Lime Kiln Road. Furthermore, the basement area shall be counted as non-living space. The credited living space of the former structure shall include the main level, including the front entrance room, and the area in the upper level that had ceiling height 5 feet and greater. Include a layout of the basement area with the floor plans that we require.

Respectfully,

ROBERT BRICKER, REHS/R.S., L.E.H.S.  
ENVIRONMENTAL SANITARIAN II  
BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
8930 STANFORD BLVD., COLUMBIA, MD 21045

Phone: Desk, 410-313-2691; Program, 410-313-1771; Bureau, 410-313-1774  
Fax: 410-313-2648

E-mail: [rbricker@howardcountymd.gov](mailto:rbricker@howardcountymd.gov)

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## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Wednesday, May 01, 2019 1:31 PM  
**To:** Stephen Forney (hrbuilder@comcast.net)  
**Cc:** Wolf, Kevin; Bricker, Robert  
**Subject:** 11855 Lime Kiln Road  
**Attachments:** MD Certified Drinking Water Lab list CURRENT-04092018-.pdf

Hi Mr. Forney:

Attached, please find a list of private drinking water labs. The following samples must be collected from the well; Sodium, Chloride, TDS, VOC, Bacteria, Nitrate, Turbidity and Sand. Please submit results to the Health Department.

Thanks,

Hank

Hank Oswald  
Licensed Environmental Health Specialist  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
410.313.1786 (Office)  
[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)

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SURJIT SINGH AND  
KAMALJIT KAUR  
11859 LIME KILN ROAD  
TAX MAP 46, GRID 1, PARCEL 183  
15902/152

EX. HOUSE TO BE  
REMOVED. EX. WELL  
MAY BE IN HOUSE AND  
IS REQUIRED TO BE  
SEALED AND  
ABANDONED

SUR  
KAI  
11855  
TAX MAP 46  
1

LIME KILN ROAD

N 89°34'46" W 15.78'

EX. WELL  
110-13-0244

APPROX. LOCATION  
EX. TRENCHES  
INSTALLED 1988  
P33832

EX. HSE  
#11859  
T.B.R.

EX. HSE  
#11855

EX. FIT WELL  
SEALED

EX. SEPTIC TANK

LIMITS OF FIELD-RUN  
TOPOGRAPHY

6470.50 FT. ±

DENSE BAMBOO

DENSE BAMBOO

REMOVED TO BE  
REMOVED TO BE  
REMOVED TO BE

PROX. LOCATION EX.  
ABANDONED WELL

APPROX. LOCATION EX.  
DRILLED WELL IN PIT

APPROX. LOCATION  
EX. TRENCH  
INSTALLED 1996  
A57400

THOMAS W. ATWELL  
8020 HUNTERBROOKE LANE  
TAX MAP 46, GRID 2, PARCEL 201  
741578

FUTURE  
WELL

FUTURE  
WELL

*Well location by survey is not very accurate*

*Rejected P tank location*

*Observed well location*

BT