



<b>B 1</b>	SEQUENCE NO. (MDE USE ONLY) <b>42883</b>	<b>STATE OF MARYLAND</b> <b>APPLICATION FOR PERMIT TO DRILL WELL</b> please type <b>557456</b>	STATE PERMIT NUMBER <b>HO-15-0175</b> <small>70 fill in this form completely 79</small>
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**OWNER INFORMATION**

Date Received (APA) **11/15**  
8 MM DD YY 13

15 Last Name **Zapp** Owner **Susan + David** First Name **Susan + David** 34

36 **14770 Bushy Park Rd** Street or RFD 55

57 **Woodbine** Town **md** State **21799** Zip 76

**B 3** LOCATION OF WELL

8 COUNTY **Howard** 21

23 SUBDIVISION **Musgrove Property** 42

SECTION **44** 46 LOT **1** 48 50

52 NEAREST TOWN **Cooksville** 71

**DRILLER INFORMATION**

Driller's Name **Joseph L. Mayne** 76 License No. **M SD 024** 81

Firm Name **Joseph L. Mayne - Well Drilling**

Address **5512 Ridge Rd Mt Airy Md 21771**

Signature **Joseph L. Mayne** Date **11-16-2015**

**B 4** SOURCES OF DRILLING WATER

1. **well**

11 STREET ADDRESS **14770 Bushy Park Rd** 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH  
 WEST  
 EAST  
 SOUTH

34 DISTANCE FROM ROAD **17.57** FT 38 39  
ENTER FT OR MI

TAX MAP: **8** BLK: **22** PARCEL **347**

**B 2** WELL INFORMATION

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

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

**USE FOR WATER** (CIRCLE APPROPRIATE BOX)

DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, DEWATERING

PUBLIC WATER SUPPLY WELL

TEST, OBSERVATION, MONITORING

OPEN LOOP GEOTHERMAL

CLOSED LOOP GEOTHERMAL

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**

COUNTY NAME **Howard** COUNTY NO. **13**

STATE SIGNATURE \_\_\_\_\_ INSERT S → 41

DATE ISSUED **11/5/2015** CO SIGNATURE **Brian Baber** EXP. DATE **11/5/2016**  
43 MM DD YY 48

APPROXIMATE DEPTH OF WELL **300** FEET 24 28

APPROXIMATE DIAMETER OF WELL **6** INCH NEAREST INCH

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

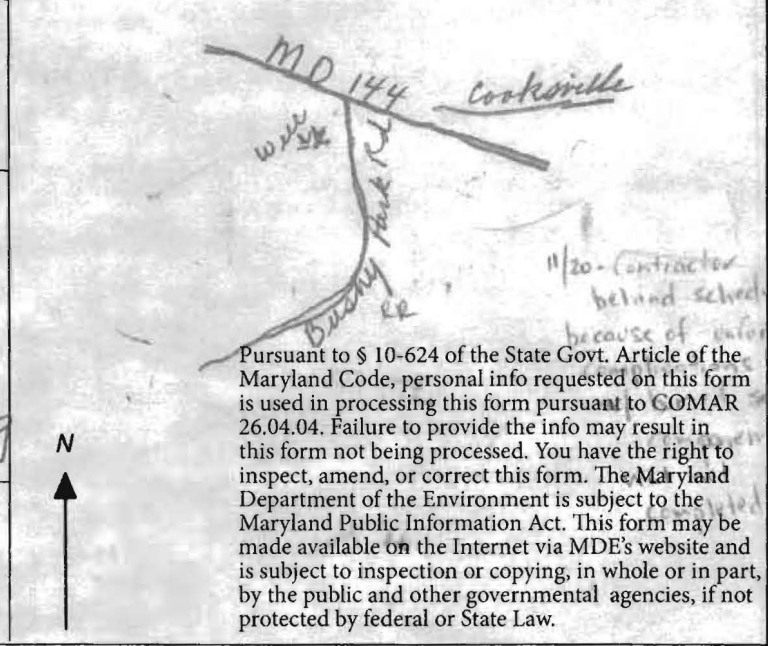
**METHOD OF DRILLING** (circle one)

BORED (or Augered)  JETTED  Jetted & DRIVEN

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

37 CABLE  REVerse-ROTary  DRive-POINT

other \_\_\_\_\_



**REPLACEMENT OR DEEPEINED WELLS** (CIRCLE APPROPRIATE BOX)

THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

39  THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

THIS WELL WILL DEEPEIN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 \_\_\_\_\_ 52 **No Tag**

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

APPROP. PERMIT NUMBER \_\_\_\_\_ **G** \_\_\_\_\_

PERMIT No. **HO-15-0175**  
70 71 72 73 74 75 76 77 78 79

\*\*\*\*\*  
 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

OK  
 8/12/16 SC

DATE WELL ABANDONED: 11-27-15 (month/day/year)

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

\* PERMIT NUMBER OF REPLACEMENT WELL: HO - 15 - 0175

\* PERSON ABANDONING WELL: Larry Mayne WELL DRILLER'S LICENSE NUMBER: MSD027

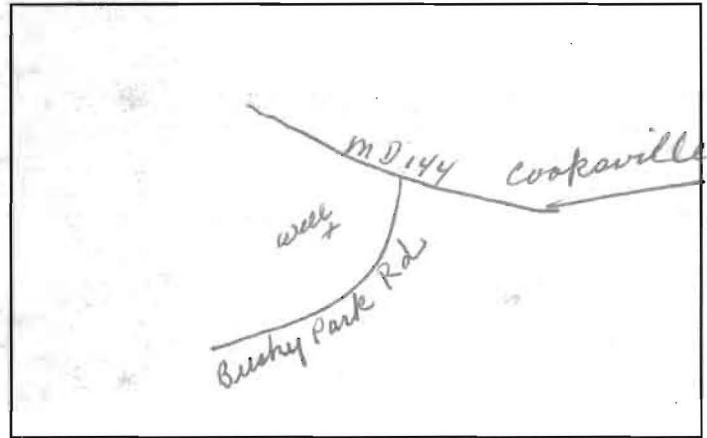
CIRCLE: MWD / MSD / MGD

\* OWNER'S NAME: David & Susan Zapp

\* WELL LOCATION:

COUNTY: Howard  
 NEAREST TOWN: Cooksville  
 TAX MAP 9 BLOCK 22 PARCEL 347  
 SUBDIVISION: Musgrave Property  
 SECTION: \_\_\_\_\_ LOT: 1  
 STREET ADDRESS: 14770 Buddy Park Rd

SITE LOCATION MAP



LATITUDE 3 9.32422

LONGITUDE 7 7.02882

\* TYPE OF WELL BEING ABANDONED:

- DRILLED
- BORED
- OTHER (specify): \_\_\_\_\_
- JETTED
- HAND DUG

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
<u>Cement</u>	<u>0</u>	<u>84</u>
VOLUME OF MATERIAL USED		

\* USE CODE:

- DOMESTIC
- IRRIGATION
- TEST/OBSERVATION
- MUNICIPAL/PUBLIC
- INDUSTRIAL
- GEOTHERMAL

\* TYPE OF CASING:

- STEEL
- CONCRETE
- PLASTIC
- OTHER (specify) \_\_\_\_\_

SIZE OF CASING: 5 3/8 INCHES IN DIAMETER

DEPTH OF WELL: 84 FEET DEEP

WAS ANY CASING REMOVED? YES  NO

If yes, length removed, in feet: \_\_\_\_\_

WAS CASING RIPPED OR PERFORATED? YES  NO

SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN Larry Mayne LICENSE# MSD027

MWD / MSD / MGS

CIRCLE ONE

DATE 12-3-2015

DATE

COUNTY

**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: AVS P/9+Hts Telephone #: 410-442-2221  
 Address: 12630 Frederick Rd / PO Box 129  
West Friendship MD 21794

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
 License # and name of individual responsible for the field installation:  
 Name (Print): Craig Kastner License# 7080

\*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: David Zepp Telephone #: 410-489-2267  
 Subdivision: \_\_\_\_\_ Lot #: \_\_\_\_\_ Well Tag #: HO-15-0175  
 Site Address: 14770 Bushy Park Road  
Woodbine MD 21797

<b>Submersible Pump Data</b>	<b>Pitless Adapter</b>	<b>Well Cap and Electric Conduit</b>
Make: <u>Goold</u>	Make: <u>Martin</u>	Two piece watertight cap: _____
Model #: <u>5G5054R</u>	Model#: <u>B10X</u>	Screened, vented well cap: <input checked="" type="checkbox"/>
Pump Capacity <u>5</u> GPM	Depth: <u>36"</u> (36" min)	Cap secured to casing: <input checked="" type="checkbox"/>
Well Yield: <u>5</u> GPM	NSF/WSC approved: <input checked="" type="checkbox"/>	Conduit min 18" B.G.: <u>18"</u>
Depth of well encountered at time of pump installation: <u>250</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 <u>sleeve wire</u>		
Safety rope, if used, attached to brass rope adapter or other acceptable method <u>inside of well casing</u> <input checked="" type="checkbox"/>		

<b>Piping to house</b>	<b>House Connection</b>
Type: <u>NT160</u>	PVC sleeve to undisturbed soil at wall penetration: <input checked="" type="checkbox"/>
PSI: <u>160</u> (160 psi min)	Length of sleeve(5' minimum from foundation): <u>5'</u>
Depth of supply line: <u>36"</u> (36" min)	Sleeve sealed properly: <input checked="" type="checkbox"/>

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

Signature of company representative responsible for installation: \_\_\_\_\_ date: 11-18-15

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

Date Insp. Requested: 11/20/15 Date Insp. Approved: 11/23/15 Inspector: RR

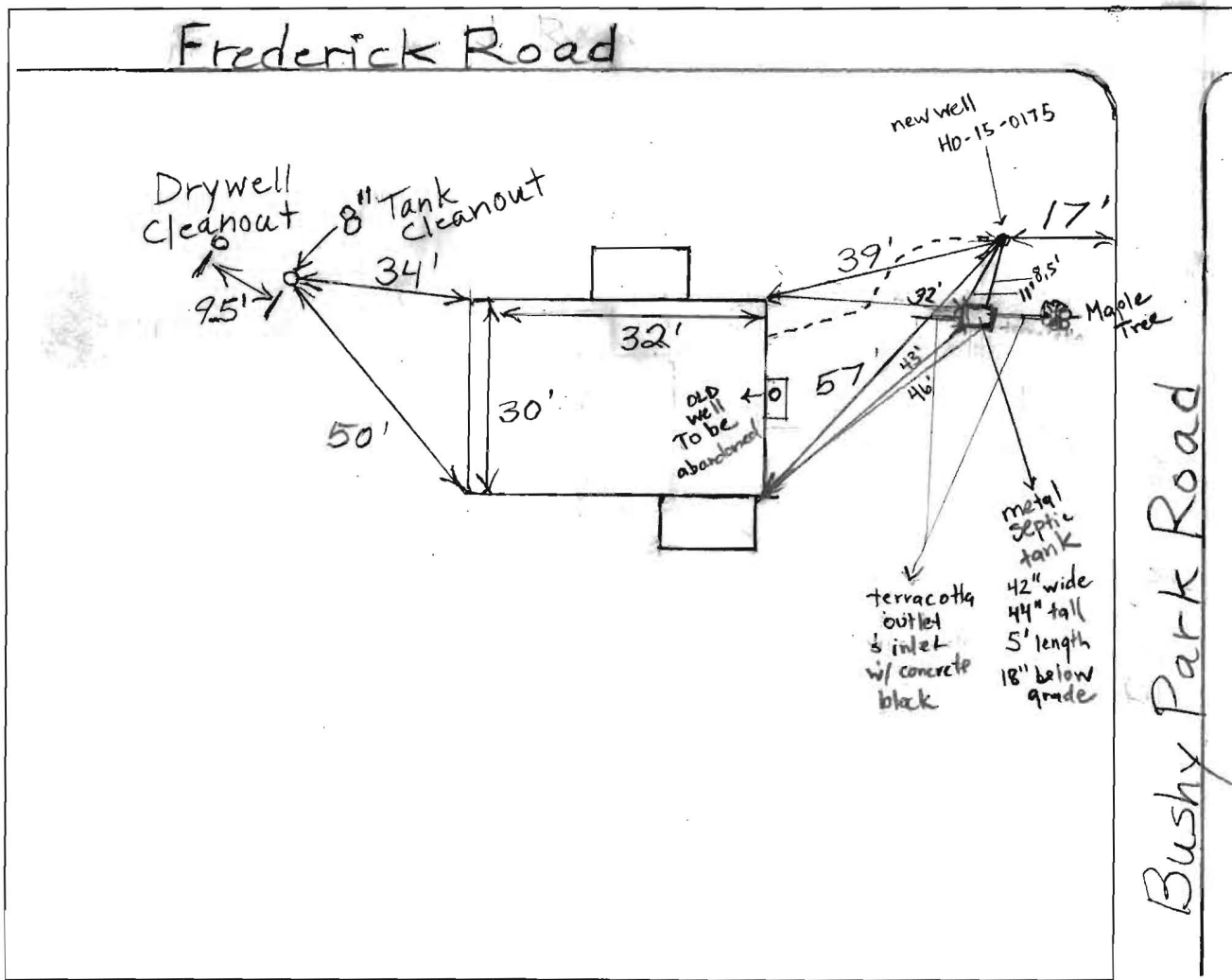
Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade	<input checked="" type="checkbox"/>
Two piece cap installed and attached to casing securely	<input checked="" type="checkbox"/>
Elec. conduit extends at least 18" below grade/attached to cap properly	<input checked="" 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"/>

11/20- Contractor behind schedule because of unforeseen complications w/ buried septic components WLI not completed - RR

SITE INSPECTION SHEET

OWNER: 2cpp PHONE #: \_\_\_\_\_  
ADDRESS: 14770 Bushy Park Rd CONTRACTOR: J. Mayne  
WELL TAG #: H0-15-0175  
SUBDIVISION: \_\_\_\_\_ LOT: \_\_\_\_\_ COUNTY #: 13  
PROPOSAL: out of H.O

LOCATION DIAGRAM



COMMENTS: 11/6/2015 Homeowners say that their existing well has inadequate performance. O.K. to drill a repl. well at above location. Drilling sites very limited due to septic system/ easement locations. Seal existing well. (RB)

DATE: \_\_\_\_\_ INSPECTOR: \_\_\_\_\_



## Bureau of Environmental Health

7178 Columbia Gateway Drive, Columbia, MD 21046-2147

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

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

[www.hchealth.org](http://www.hchealth.org)

Facebook: [www.facebook.com/hocohealth](http://www.facebook.com/hocohealth)

Twitter: HowardCoHealthDep

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

November 24, 2105

**Homeowner:** David Zepp  
14770 Bushy Park Road  
Woodbine, MD 21797

**RE: Replacement Well**  
14770 Bushy Park Road  
Well Permit # HO-15-0175

Dear Homeowner:

According to our records, your replacement well has been connected to the dwelling. We request that you contact the Community Hygiene Program at **(410) 313-1773** to schedule initial water sampling for the above referenced replacement well, as required by the Maryland Well Construction Regulation (COMAR 26.04.04). This sampling includes testing for **bacteria, nitrates, turbidity, and sand**. There is currently no charge for the sampling and it is to your benefit to have it tested. Sampling of the new well should be collected from the primary indoor drinking tap, but if suitable scheduling is not possible, the sample may be taken from an outside tap to complete your sampling obligation. However, the potential for unsuccessful sample results increases when samples are collected from taps exposed to the outside environment. If sampling has already been performed by an outside lab, please help us by forwarding the results of the samples to our office.

The old well (No Tag Number) located on the side of the house in the basement must be properly sealed and abandoned by a MD Licensed Well Driller per *COMAR 26.04.04.34*. Documentation is to be submitted by the driller to all appointed authorities that this task has been completed.

During the installation of the well line for the replacement well, a metal septic tank with terracotta inlet and outlet pipes were found approximately 8 feet away from the well casing. Because these septic components fall within the regulated 100 foot setback, it will be required that these items be addressed. The metal septic tank must first be pumped out and then the septic tank and components must be crushed and backfilled with clean fill or stone. A memo describing septic abandonment on company letterhead must be submitted to our office with an invoice of work completed.

**Please provide the above referenced documentation for the old well and septic abandonment within 30 days of the receipt of this letter.** If you have any further questions, you can call me at **410-313-1781**. Otherwise, call Community Hygiene at **410-313-1773** to schedule or arrange for them to collect the required water samples.

Sincerely,

A handwritten signature in black ink, appearing to read 'RRA'.

Ryan Rappaport, LEHS  
Well & Septic Program

Cc: Community Hygiene Program  
Joseph Mayne Well Drilling MSD024  
File

# Fogle's Septic Clean Inc.

Fogle's Portable Toilets • Fogle's Well Drilling LLC • Fogle's Excavating, LLC



December 9, 2014

Howard Co Dept of Environmental Health  
8930 Stanford Blvd  
Columbia, Md 21045

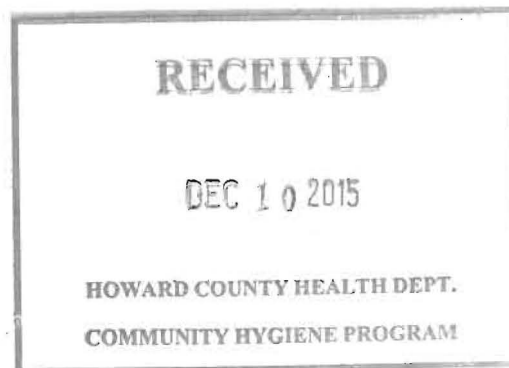
To Whom it may concern,

On December the 8<sup>th</sup> 2014 Fogle's Septic Clean Inc, has abandoned the septic tank located at 14770 Bushey Park Rd in Woodbine for David Zepp. The pumped the metal tank and crushed and filled in with fill dirt.

If you have any questions please call me at the office 410-795-5670.

Sincerely,

Kurt Cassell  
Fogle's Septic Clean, Inc.



**Fogle's Septic Clean, Inc.**

580 Obrecht Road  
 Sykesville, MD 21784

Invoice Date

12/9/2015

Invoice #

~~██████████~~

**INVOICE**

**PLEASE PAY  
 THIS AMOUNT**

\$1,500.00

Make checks payable to: **Fogle's Septic Clean, Inc.**

**Bill To:**

DAVID ZEPP  
 14770 BUSHEY PARK RD  
 WOODBINE, MD 21797

**Service Address**

DAVID ZEPP  
 14770 BUSHEY PARK RD  
 WOODBINE, MD 21797

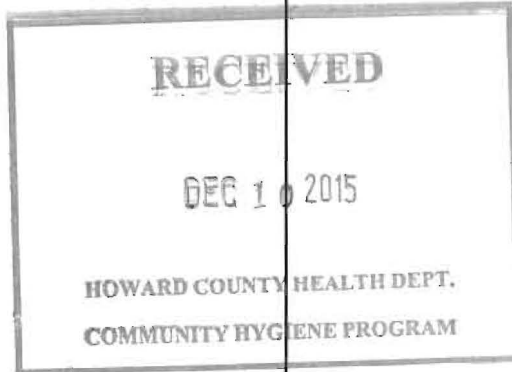
Phone # 410-795-5670

Fogle's Septic Clean, Inc.  
 580 Obrecht Road  
 Sykesville, MD 21784

PLEASE DETACH AND RETURN TOP PORTION WITH PAYMENT

P.O. #	Due Date	Rep	Ship Date
	12/9/2015		12/9/2015

Qty	Description	Rate	Amount
	ABANDON OLD METAL SEPTIC TANK  SENT LETTER TO THE COUNTY, COPY ATTACHED	1,500.00	1,500.00



Thank you for your business.

**Subtotal** \$1,500.00

**Total** \$1,500.00

1.5% interest will be charged monthly on all unpaid balances after 30 days. \$30 CHARGE FOR RETURNED CHECK. RECEIPT DATE STAMPS ARE STRICTLY ENFORCED for ALL DISCOUNTS.

**Payments/Credits** \$0.00

**Customer Total Balance** \$1,500.00

Billing Questions Call 410-795-5670

## FILE INQUIRY NOTES

DATE	RESULTS OF REVIEW FOR FILE
11/20/15	<p>Site inspection for WLI for replacement well. Contractor onsite. While digging the trench for the well line the contractor ran into a steel septic tank (filled with ground water - no smell to it) there was also terracotta pipe extending from either side of the septic tank. The contractor did expose some of the components for me while onsite but I was not able to determine if or where the dry well was located. I took photos, they will be added to the file for reference. The septic components were only about 8-8.5 feet away from the newly drilled well. The trench for the well line had to be modified to bow around the septic components but <del>the</del> most of the WLI <del>was</del> and trench was not completed. As per KW the well line will <del>should</del> be sleeved and it was also alright for the contractor to continue w/ installation even though we would not be able to inspect. <sup>(install at end of day on a Friday)</sup> Work to continue and completion estimated for Monday. - (PK)</p> <p>(Metal septic tank 44" tall, 42" wide, 5' length, 18" below grade.)</p>
11/23/15	<p>Site inspection - well line almost completed - ok to backfill. Will spray paint area where metal septic tank is for easier identification for contractor. WLI approved. - (PK)</p>



Photos WLI 11/20/2015



