

SITE INSPECTION SHEET

OWNER: MERCURE, P / ZHANG, Y PHONE #: N/A

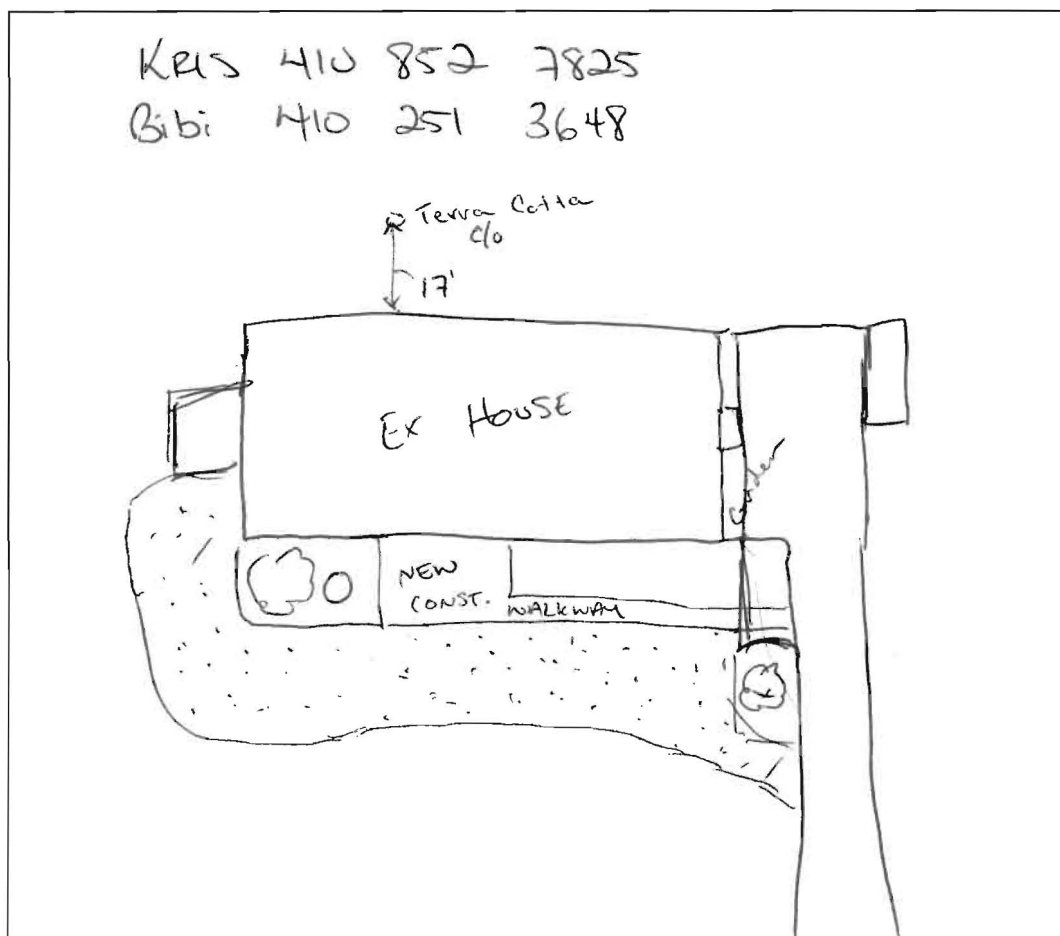
ADDRESS: 4179 TEN OAKS ROAD CONTRACTOR: N/A

DAYTON, MD 21036 WELL TAG #: \_\_\_\_\_

SUBDIVISION: N/A LOT: 3 COUNTY #: (XIII)

PROPOSAL: INVESTIGATE WELL CONDITIONS FOLLOWING  
ELEVATED BACTERIA LAB RESULT RESULT

LOCATION DIAGRAM ⊕



COMMENTS: 09/27/2018 KRIS REPORTS HOUSE IS 2 UNIT APARTMENT  
7 BEDROOMS TOTAL (3 BASEMENT - 4 UPSTAIRS). PIPING REMOVED  
FROM FRONT. OWNER WAS OBSERVED REPLACING WELL PUMP  
ON THE OUTSIDE. WATER ISSUES NOV 2017 INCLUDING  
TURBIDITY.

DATE: 09/27/2018 INSPECTOR: [Signature]

(PM) SPOKE W/ OWNER, ROBERT. WELL TO BE  
CHLORINATED THIS DAY.

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

**MEMORANDUM**

**TO:** Home Owner  
4179 Ten Oaks Road  
Dayton, MD 21036

**FROM:** **Joseph Cabahug**  
Licensed Environmental Health Specialist 001997  
Howard County Health Department  
**Well & Septic Program**

**RE:** Well Ownership, Maintenance, and Care

**DATE:** 09/28/2018

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**This is a follow up to the site inspection that was done at 4179 Ten Oaks road on September 27<sup>th</sup>, 2018. Please be advised of the following:**

**Well Owner Responsibilities [26.04.04.33]**

Every well shall be maintained in a condition to conserve and protect the groundwater resource. After the well is completed, the well owner is responsible for maintain the upper terminal of the well as specified by COMAR [26.04.04]. After the well is completed, the well owner shall maintain the access port in a manner that prevents the entrance of water, dust, insects or other foreign material and permits ready access for water level measurements. Whenever work is done on the well, the work shall be done in accordance with COMAR [26.04.04].

**Maintenance and Repair [26.04.04.25]**

All material used in the maintenance, replacement, or repair of any well shall meet the requirements for new installation. Broken, punctured, or otherwise defective or unserviceable casing, screens, fixtures, seals, or any part of the well head shall be repaired and replaced, or the well shall be properly abandoned and sealed. Any work performed on a water supply well with a well cap not meeting the standards of this chapter, shall also include the installation of a well cap meeting the standards of this chapter.

**Disinfection of Wells and Water Supply Systems [26.04.04.24]**

Whenever any work is done on the well after disinfection of the well by the well driller, the person doing the work shall be responsible for disinfection of the well and water supply system in accordance with this regulation. **Tablets or dry granular material may not be used as the only chlorination material.** The materials which may be used for disinfection are: Calcium hypochlorite, sodium dicholor-triazine dehydrates, or sodium hypochlorite.

The chlorine shall be placed in the well in quantities that will produce a concentration of at least 100 mg/L chlorine. The amount required to obtain this concentration will depend on the casing diameter and the amount of water in the well. The well shall be chlorinated using all of the following sequential steps:

- 1) Chlorine tablets or granular chlorine shall be dropped in the top of the well and allowed to settle to the bottom, or a prepared 10 gallon solution, with a chlorine concentration of at least 100 mg/L, but not more than 500 mg/L, shall be placed in the bottom of the well by pumping or gravity through a tremie pipe, drill rod, hose or other approved method.
- 2) A chlorine solution of at least 10 gallons and producing a concentration of at least 100 mg/L, but not more than 500 mg/L, in the well shall be introduced (poured) into the top of the well. All surfaces above the static level shall be washed with this solution.
- 3) After the solution has been placed in the well, the water shall be agitated to thoroughly disperse the solution. Agitation may be accomplished by turning the pump on and off, or if no pump is available, by using a bailer, a swab, a plunger, air, or other approved method.
- 4) If the well has been connected to the pressure tank and distribution system, a small amount of the chlorinated water shall then be pumped through the system to thoroughly disinfect the system.
- 5) The well shall be allowed to stand without further agitation for at least 12 hours.
- 6) If a residual of at least 5 mg/L chlorine remains in the water after 12 hours, the well shall then be pumped to waste until the odor and taste of chlorine is no longer detectable. If less than 5mg/L free residual chlorine is found in the water after 12 hours, the disinfection procedure shall be repeated.

The Chlorine water and water pumped during the flushing of the well during the disinfection procedure may not be discharged to an on-site sewage disposal system or directly to the surface waters of the state.

JCC  
CC: File

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

**MEMORANDUM**

TO: Tenant: Kris Kanzler  
4179 Ten Oaks Road  
Dayton, MD 21036

FROM: **Joseph Cabahug**  
Licensed Environmental Health Specialist 001997  
Howard County Health Department  
Well & Septic Program

RE: Well Ownership, Maintenance, and Care

DATE: 09/28/2018

*EMAILED TO  
COMPLAINANT  
09/28/2018*

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## REPAIR

DATE 1/23/90

DATE SYSTEM APPROVED 9/16/70

INSPECTOR M. Rife

## SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH • DISTRICT

**HOWARD COUNTY**  
**BUREAU OF ENVIRONMENTAL HEALTH**  
**461-9933**

05-360676

# INDEXED

Arnold Backhoe & Septic Services, Inc. IS PERMITTED TO INSTALL \_\_\_\_\_ ALTER ☒

ADDRESS P. O. Box 15, Woodbine, Maryland 21797 PHONE 795-7873

SUBDIVISION Gordon Walker ROAD 4179 Ten Oaks Road LOT 3

PROPERTY OWNER Mr. Bob Houston

PROPERTY OWNER \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
4179 Ten Oaks Road  
Dayton, Maryland 21036

XX

~~XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX~~

SEPTIC TANK CAPACITY \_\_\_\_\_ GALLONS      NUMBER OF BEDROOMS 4 seen - day

REPAIR - CALL FOR INSPECTION WHEN GROUND IS OPENED SO SANITARIAN CAN RECOMMEND REPAIR

4/12/90 (1) Trench - 100'± from water well; inlet 6'±  
below grade; maximum depth 12'; 2' wide trench  
90' in length in rear of home off existing  
septic tank, 6'±<sup>17</sup> stone; (Hold for a call or drawing of  
repair from Mr. C. B. Arnold.)

PLANS APPROVED BY Craig Williams cm DATE 04/12/90

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE. CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E., TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED).

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE. NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

**NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS**

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR AGS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE DISTRIBUTION BOXES MUST HAVE BAFFLES

BLOG PERMIT SIGNET

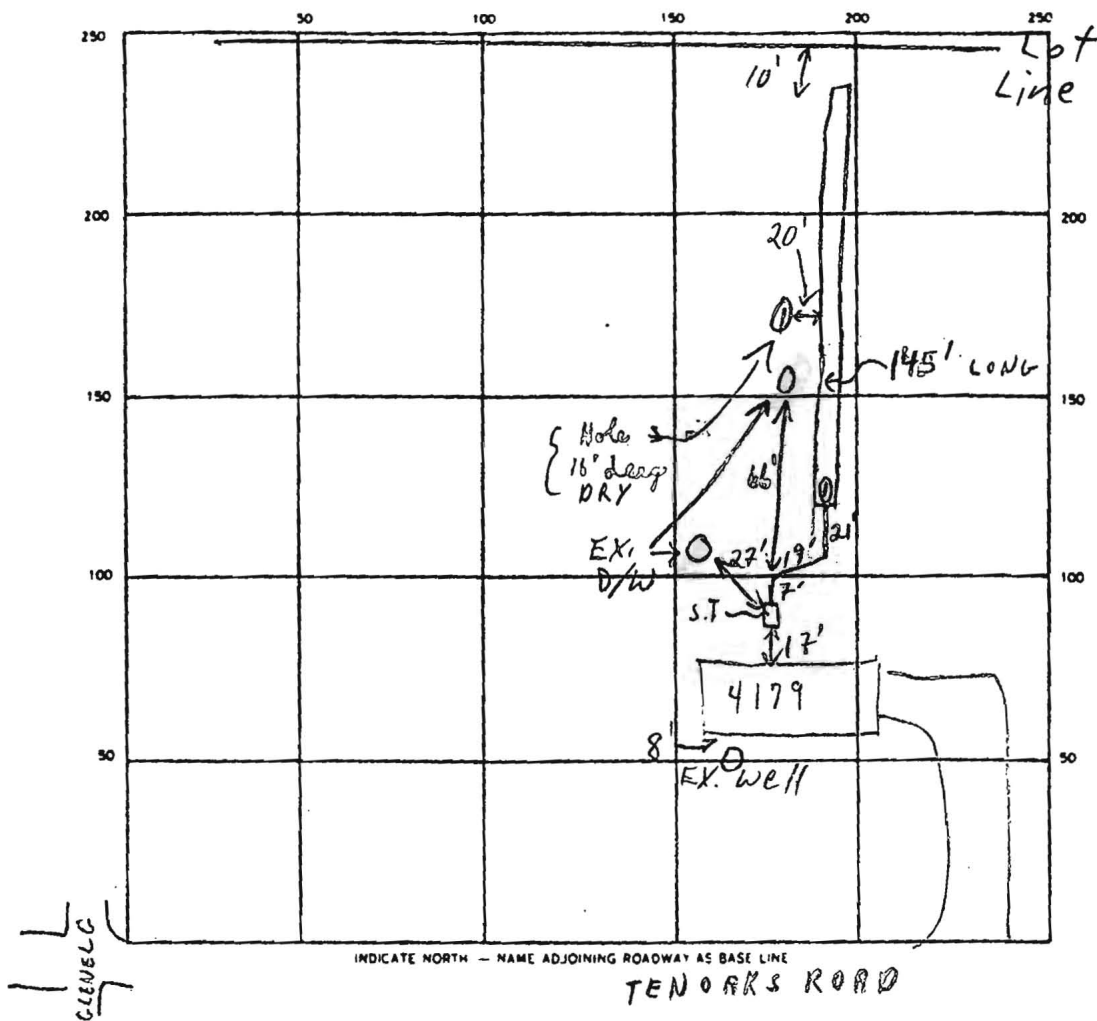
AND RETURNED 12/03/97

Serial # 46323 - enclosed  
AL APPROVAL ON THIS PERMIT *ph*

\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

**\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS**

7  
19  
21



SEPTIC TANK LEVEL EXISTING CLEANOUTS YES

DISTRIBUTION BOX LEVEL N/A

DRAIN FIELD/TILE FIELD DEPTH 12 FT TRENCH WIDTH 2 FT INLET DEPTH 6 FT

EFFECTIVE GRAVEL DEPTH 6 FT TOTAL LENGTH 145+ FT

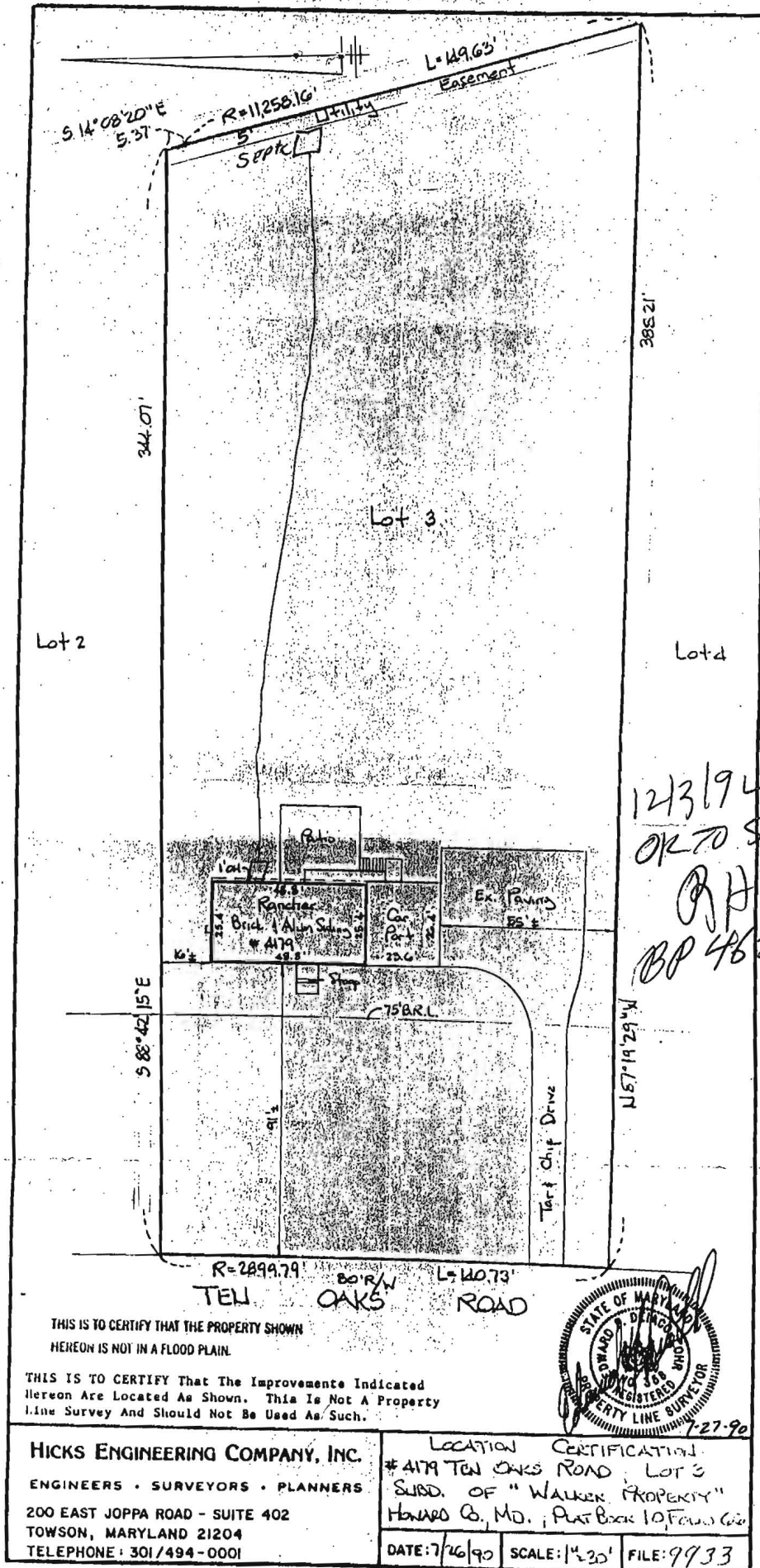
NUMBER OF TRENCHES 1 ONE SIDEWALL/END AREA 870+ SQ FT

DRYWELL INSIDE DIAMETER 8 FT EFFECTIVE DEPTH BELOW INLET 17 FT

ABSORBENT AREA 870+ SQ FT

REMARKS P.M. Partial 4/12/90 - ok to continue with a trench off  
existing septic tank; (2 OLD DRY WELLS-FULL) + (DEEP IN  
GROUND) ok to draw system up + drop off at office  
1/ or cover all of system or leave ends of trench open  
+ pipes due to holiday + wet weather - Saturday +  
Sunday. C.B. 4/16/90 OK TO COVER ALL MR

DATE SYSTEM APPROVED 4/16/90 INSPECTOR M. Riffin



12/3/94  
 OK TO SIGN  
 RH  
 BP 46323





## **Wolf, Kevin**

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**From:** Cook, Kathleen  
**Sent:** Wednesday, September 26, 2018 3:41 PM  
**To:** Wolf, Kevin  
**Subject:** 4179 Ten Oaks

I just spoke to the tenant (Kris Kanzler 410-852-7825 or [bmoredills@gmail.com](mailto:bmoredills@gmail.com)) at this property – he said ok to inspect exterior property for potential contamination issues. The well is in a pit, Kris said that the landlord had replaced the pump recently (did it himself), doesn't think that they chlorinated, but may just be an exterior jet pump. Landlord is supposed to be chlorinating the well.

Kris thought that the well issues may be due to the road work on 32, or next door neighbor just had a well drilled.

Kathleen Cook, LEHS  
Sanitarian Supervisor, Community Hygiene Program  
Bureau of Environmental Health  
8930 Stanford Blvd  
Columbia, MD 21045  
410-313-2774 desk/410-313-2648 fax  
[kcook@howardcountymd.gov](mailto:kcook@howardcountymd.gov)

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