

4/6/78
2:30 P.M.

PERMIT

P 27756
A Repair

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

INDEX

DISTRICT 3rd

DATE 4/3/78

Scheper Plumbing & Heating IS PERMITTED TO INSTALL ALTER X

ADDRESS 113 Nob Hill Park, Reisterstown, Md. PHONE 795-6060

SUBDIVISION _____ ROAD 310 West Friendship Rd. LOT _____

PROPERTY OWNER Patapsco Inn of Sykesville - Mrs. Ruth East

ADDRESS _____

SPECIFICATIONS

MAP
5

SEPTIC TANK CAPACITY _____ GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

INLET PIPE _____ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH _____ FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN FACING LOT FROM _____

REPAIR - Call for an appointment when ground is opened up and Sanitarian will

recommend repair system. - 2 1500 gal Sealed Concrete

Tanks with visible and audible alarm system eff/ln & R/ln

PLANS APPROVED BY Palmer F. Wine DATE 4/3/78

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

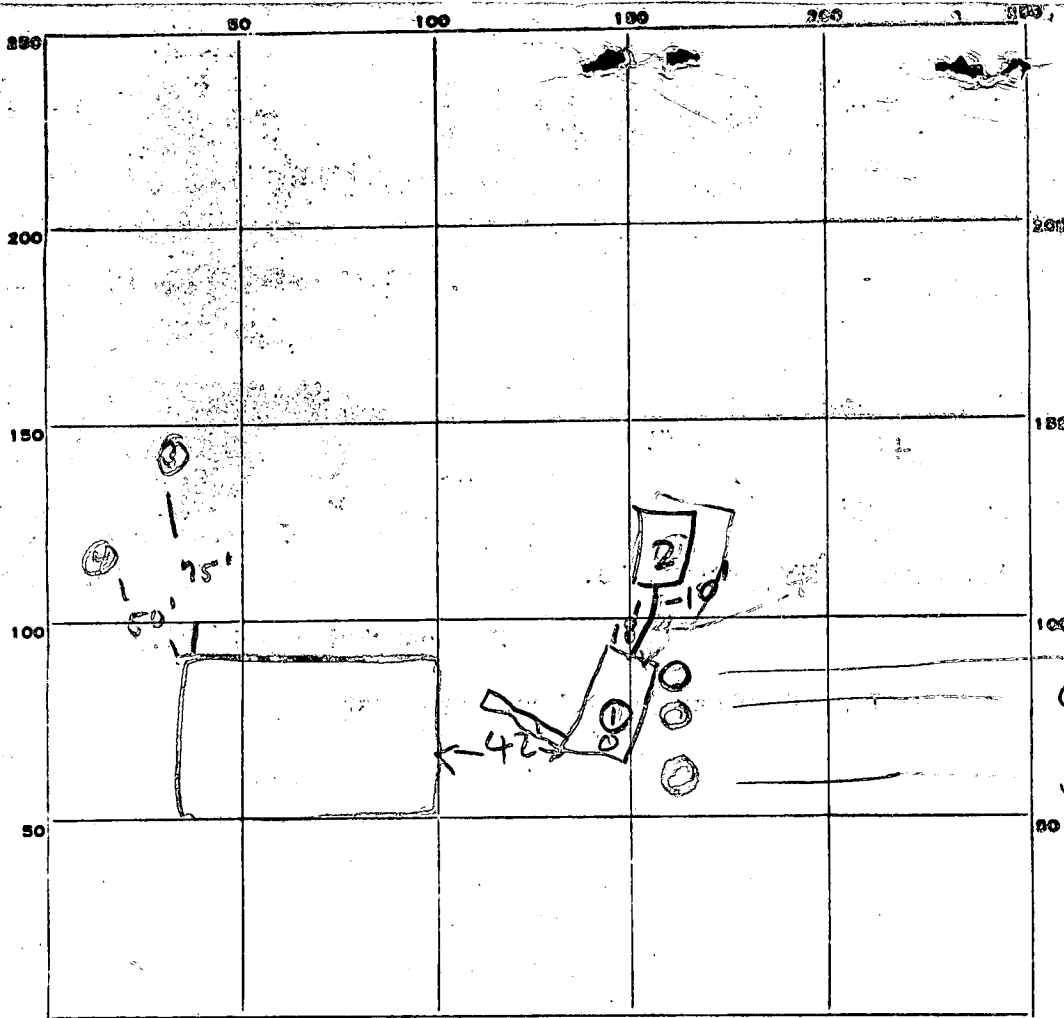
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE 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 ACCEPTED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

27756



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Instructions written on Permit

PERMIT CARD _____

SEPTIC TANK, LEVEL yes

CLEANOUTS S+1 S+2
✓

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 4/5/15 hole ① water 4' ② 4' sewage ③ + ④ water 5'

Install 2-1500 gal sealed concrete tanks with visible and audible warning devices.

OK to fill call office when Alarm is connected D10 4/21/18

DATE SYSTEM APPROVED _____

INSPECTOR _____

file, correct, not appl. f.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 19805

A

ELLICOTT CITY

DISTRICT 3rd

DATE 4/16/74

INDEXED

4/11/74
2 PM
5/13/74

Ported
O/S
Dug

FILE
installed
not
off

Mr. James East

IS PERMITTED TO INSTALL ALTER

ADDRESS 3518 Millvale Road, Baltimore, Md. 21207 PHONE 922-1619

A SEWAGE DISPOSAL SYSTEM LOCATED AT

SUBDIVISION ROAD Old Route 32 LOT

PROPERTY OWNER Mr. & Mrs. James East - Patapsco Inn of Sykesville

ADDRESS same as above

SPECIFICATIONS

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA SQ. FT.

SEPTIC TANK CAPACITY GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

OTHER REPAIR - Call for inspection when ground is opened up and Sanitarian will recommend repair system.

4/17/74 sand filter Rm

PLANS APPROVED BY Palmer F. Wine DATE 4/16/74

FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

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

R 19805

HOWARD COUNTY HEALTH DEPARTMENT

J. BRETT LAZAR, M.D., M.P.H.
DEPUTY STATE AND
COUNTY HEALTH OFFICER



P.O. BOX 476
ELLICOTT CITY, MARYLAND 21043
TELEPHONE 465-5000

Rec. 3-5-74
al.B.

March 1, 1974

License Commissioners of Howard County
Ellicott City, Maryland 21043

Gentlemen:

On February 27, 1974, I investigated the septic system of the Sykesville Inn and found that the septic system has not been repaired. The sewage from the septic system flows into the Patapsco River at Sykesville, Maryland. I recommend that the liquor license not be renewed in May if the septic system has not been repaired.

Very truly yours,

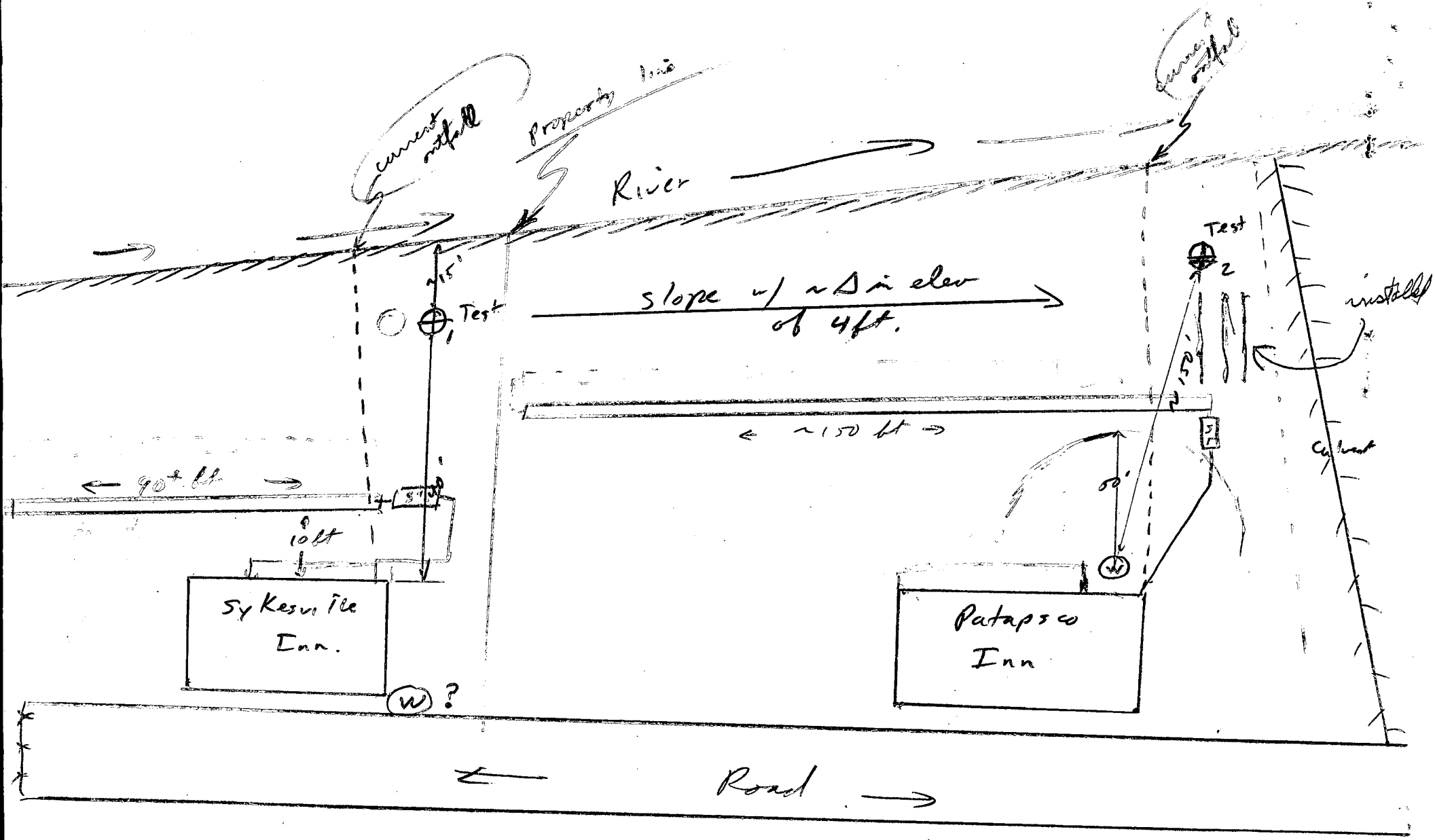
Raymond Hodges

Raymond Hodges,
Sanitarian

RH:hs

Test 1 - definite fill 0-4'
 Loam 4'-8'
 gravel & water 8' → 10' +

Test 2 - fill? 0-2'
 loam 2-6'
 gravel & water @ 6'



— recommended system

Mr. James East

- 1) Cast iron pipe from building to septic tank (Cromaglass or other similar system)
- 2.) Cast iron from tank to trench
- 3.) trench is to be at least 50 feet from the well and is to run parallel to back of building (and river)
- 4.) dig ~~to~~ until you hit water and then back off one foot
- 5.) trench should be as long as is possible (150-200 ft. at least) ; you may wish to have 2 trenches

HO-73-4301

FILE Emergency Well Siting

DATE REPORTED 10/27/82

PROPERTY OWNER Patapsco Inn of Sykesville

P.O. ADDRESS _____ TELEPHONE _____

DIRECTIONS TO PROPERTY _____

INFORMANT _____

CONDITION FOUND FAILED WELL - LESS THAN 1/2 GPM.

ACTION TAKEN SELECTED NEW SITE AS INDICATED IN DRAWING ON BACK.

10-27-82 CWL

WELL DRILLED TO 160' WITH 12 GPM PER DRILLERS MEASUREMENT

25' CASING (3' ABOVE GROUND)

22' OPEN

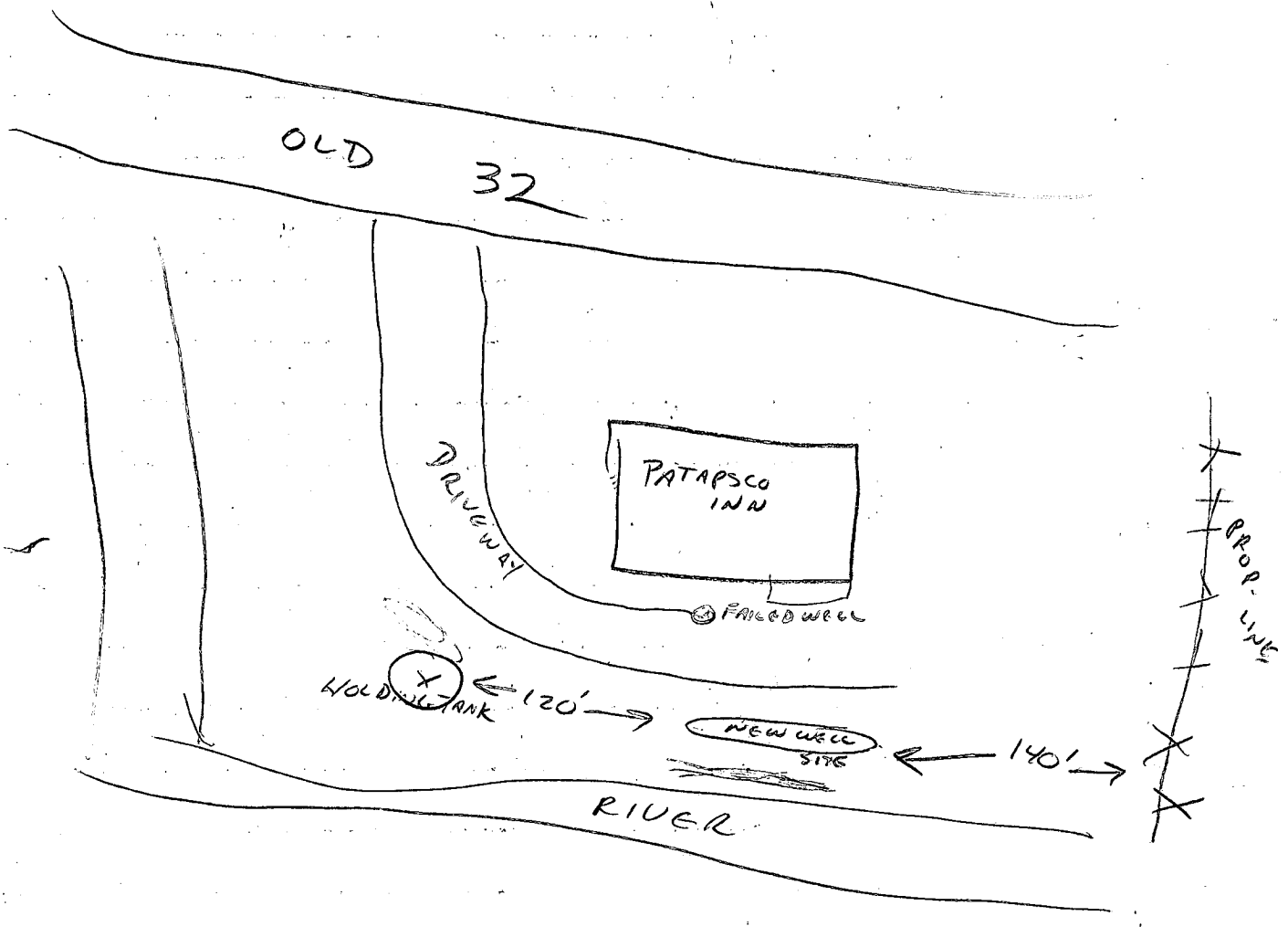
Tag given to grout crew

(12' OF 10" LINE USED TO PREVENT COLLAPSED - PULLED WHEN GRATED)

FINAL DISPOSITION 17 BAGS CEMENTS

10-28-82 CWL

Handwritten notes at the top of the page, including "12/11/74" and "Patapsco Inn".



Handwritten notes at the bottom of the page, including "12/11/74" and "Patapsco Inn".

HO-73-4301

B 1 0788

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

HO-73-4301

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

please print or type

fill in this form completely

Date Received 1 0 2 9 8 2
 (OEP Use Only)

OWNER INFORMATION

Plattalpsalcd Inhn
 Last Name 15 Owner 34 Name

3110 W Friendship Rd
 Street or RFD

Sylkesville Md 21178
 Town 57 State 76 Zip

B 3 LOCATION OF WELL

COUNTY Howard

SUBDIVISION

SECTION 23 LOT map 4 par 42

NEAREST TOWN Sylkesville

MILES FROM TOWN (enter 0 if in town) 0

B 1 Continued DRILLER INFORMATION

George Easterday 40
 Driller's Name 77 License No. 80

L. Franklin Easterday Inc
 Firm Name

9265 Brown Church Rd Mt Airy Md
 Address

George F Easterday 10-27-82
 Signature Date

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

NEAR WHAT ROAD W Friendship Rd

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

180
 DISTANCE FROM ROAD

FT
 M I
 38 39

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 600

USE FOR WATER (CIRCLE APPROPRIATE BOX)

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)

TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1.
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

800 9
 550 7

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

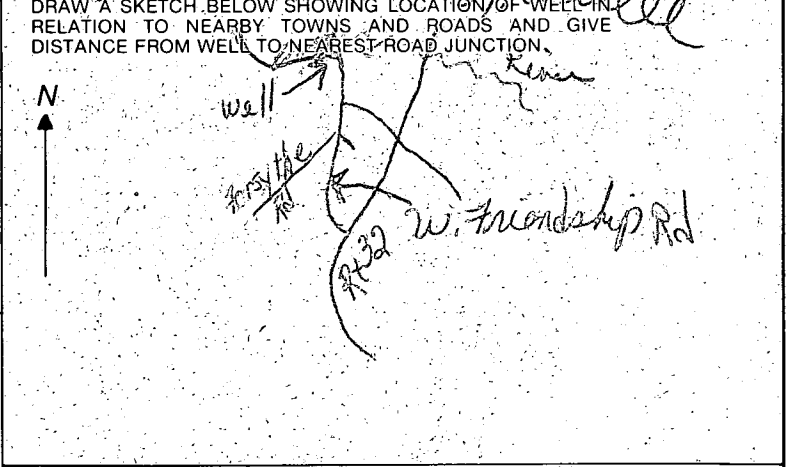
METHOD OF DRILLING (circle one)

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

THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY

THIS WELL WILL DEEPEIN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME

A277562 COUNTY NO.

Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER 54 GAP 63

FORCE FS WRITE INITIALS IN BOX PERMIT No. HO-73-4301

OEP SIGNATURE STATE HEALTH CIRCLE BOX S 41

DATE ISSUED 102782

CO SIGNATURE

NORTH GRID 557 EAST GRID 0809 EXPIRES 092783

B 5 SPECIAL CONDITIONS 8-63

C1-4189

SEQUENCE NO. (OEP 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 A277562

Date Received (OEP use only)

DATE WELL COMPLETED

Depth of Well

PERMIT NO.

FROM PERMIT TO DRILL WELL

102882

160 (TO NEAREST FOOT)

NO-73-4307

OWNER Potapasco Inn last name first name STREET OR RFD 310 West Friendship Rd (Old Rte 32) TOWN Sykesville

SUBDIVISION SECTION LOT map 4, 211.42

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. Rows: Top Soil (0-3), Boulders + Gravels (3-10), Brown Slate (10-60), Mica (60-160)

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL: CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 17 NO. OF POUNDS 1200

CASING RECORD casing types insert appropriate code below: ST STEEL CO CONCRETE PL PLASTIC OT OTHER MAIN CASING TYPE: ST 6 25

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

SCREEN RECORD screen type or openhole insert appropriate code below: ST STEEL BR BRASS PL PLASTIC HO OPEN HOLE OT OTHER

DEPTH (nearest ft.) H C 22 160

CIRCLE APPROPRIATE BOX: [A] 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 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS IDENT. NO. 40 DRILLERS SIGNATURE: George Coasterday Daniel Coasterday SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

SLOT SIZE DIAMETER OF SCREEN (NEAREST INCH) GRAVEL PACK

IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX [F] OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED 3 PUMPING RATE 12 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL BEFORE PUMPING 60 WHEN PUMPING 160 TYPE OF PUMP USED (for test) [A] air [P] piston [T] turbine [C] centrifugal [R] rotary [O] other [J] jet [S] submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP (Y) (N) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)) CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) (+) above LAND SURFACE (-) below (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL) Patapasco Inn

APPLICATION FOR A PERMIT TO APPROPRIATE AND USE WATERS OF THE STATE

Water Resources Administration
Water Supply Section
Towers Office Building
Annapolis, Maryland 21401

Surface Water Groundwater New Application Change in Existing Permit

Number HO 82 CAP 012

APPLICATION

DUKE HARRISON
(Owner's Name)

795-2374
(Telephone Number)

2523 DOEWOOD RE, SYKESVILLE, MD 21784
(Owner's Address) (Street) (Town) (State) (Zip Code)

WITHDRAWAL

GROUNDWATER

Appropriate and use a yearly average of
500 gallons per day,
(total annual use ÷ 365 days)
and 700 gallons
(highest total monthly use ÷ days in month)
for the average day of the maximum month, from
1 well(s) having a diameter of
6 inches, and a depth of
200 ft.

SURFACE WATER

Appropriate and use a yearly average of
_____ gallons per
(total annual use ÷ 365 days)
day, and a maximum use of _____
gallons in any one day, from:
_____ (Name of stream)
_____ (Exact location of withdrawal)

PROJECT LOCATION

PATAPSCO TOWN - 310 WEST FRIENDSHIP RD - 0-02
(Location - be specific)

County HOWARD Subdivision or town SYKESVILLE Phone number 489-5081

Name and type of business PATAPSCO TOWN - TAVERN

ALL APPLICATIONS MUST INCLUDE A COPY OF A U.S.G.S. TOPOGRAPHIC OR SIMILAR MAP SHOWING PROJECT

PURPOSE

The water will be used for:

- Community Water Supply
- Non-Potable supply (sanitary uses, not for drinking water)
- Potable Supply (drinking water, etc.)
- Cooling Water
- Irrigation
- Process Water
- Other _____ (explain)

WASTEWATER TREATMENT AND DISPOSAL

- Public Sewer _____ (name of system)
- Groundwater
- Subsurface (tilefield, seepage pit, etc.)
- Spray Irrigation
- Other, explain _____
- Surface Water _____ (name of stream)

Discharge Permit # _____
or applied for _____

SIGNATURE

Please sign here Jane L. Dreyer
(Signature)
JANE L. DREYER MGR 1/31/85
(Please print name, title, and date here)

**THIS APPLICATION CANNOT BE
PROCESSED
WITHOUT SIGNATURE**

APPROVAL BY COUNTY HEALTH DEPARTMENT OR DESIGNATED AGENCY

THIS SECTION NOT TO BE COMPLETED BY APPLICANT

Is this Project consistent with the County Water and Sewerage Plan and local planning and zoning?

YES NO, explain _____

Signature of county representative Craig Williams Sanitarian 1/31/85
(Signature) (Title) (Date)

WELL ALREADY EXISTING AT THIS LOCATION



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

RECEIVED

FEB 15 1991

DIRECTOR, DPW

Reply to:

February 12, 1991

Mr. Ronald G. Lepson
Assistant to the Director
Howard County Department of Public Works
3430 Court House Drive
Ellicott City, Maryland 21043

RE: Floodplain Acquisition Program -
Sykesville Capital Project D-1091

Dear Mr. Lepson:

In response to your request dated January 9, 1991 regarding the current status of the on-site water supply and wastewater disposal systems for several properties in Sykesville, the following information is provided.

1. River Bank Lounge, 305 West Friendship Road
Adee property, Tax Map 4, Parcel 48

An aerobic sewage treatment package plant with chlorine disinfection and a subsurface discharge (via a disposal trench) was installed in May, 1974 on this property. The building was destroyed by fire in late 1974 or early 1975. When it was rebuilt in 1978 connection was made to the existing aerobic treatment system.

Our records indicate that over the past 12 years the water was supplied by a drilled well. There is a iron/sediment filter and a chlorinator installed on the water system to provide treatment prior to use. Some intermittent bacteriological contamination has been detected in the past. Elevated sodium and chloride levels exist that are higher than average background levels found

Mr. Ronald G. Lepson

- 2 -

February 12, 1991

elsewhere throughout the county, but a maximum contaminant level (MCL) for these has not been established by federal or state regulations.

- 3/0
P 27756 1978
2. Duke's Place, 311 West Friendship Road
Patapsco Inn of Sykesville property, Tax Map 4, Parcel 42

An aerobic sewage treatment package plant similar to the system installed at the Adeo property was installed at the Patapsco Inn of Sykesville property in spring 1974. In 1977 problems had developed with the chlorinator and it was not in service. In 1980 when sewage was overflowing at the site of the aerobic digestion tank the operators started to routinely pump the tank out via a licensed scavenger. This system essentially reverted to a holding tank and is currently functioning in that manner.

The water is supplied via a drilled well and similar to the Adeo property has elevated sodium and chloride levels (in the 100-250 ppm range).

Both of the referenced sites are situated in a low area very close to or in the floodplain of the Patapsco River. A high water table precluded the use of a conventional sewage disposal system on the properties and in 1974 this office permitted the installation of an advanced wastewater treatment system with disinfection and subsequent discharge to a subsurface disposal trench. It is our opinion that these sites would not support a conventional septic system.

3. Renehan Factory, 350 Old Maryland Route 32
Specialty Properties, Inc., Tax Map 4, Parcel 54

Our records indicate that a septic system consisting of a 1,000 gallon septic tank and 108 linear feet of tile field (3 feet wide trench, 3 feet deep with 6" gravel) was permitted in March, 1972. This facility was in seasonal use as a cannery until approximately 1984.

Water samples taken from the mid 1970's to the mid 1980's indicated intermittent bacteriological contamination. The water was supplied by a drilled well in a pit.

Sometime after 1984 the warehouse on the site was rented to Angelo Casulo who had operated a water treatment business that involved the recharge of various filter media that were contaminated with heavy metals and other impurities. Storage and handling practices at the site were the subject of charges eventually filed against him with regard to these hazardous wastes. The Office of Environmental Programs, Hazardous and Solid Waste Management Administration, filed these charges and Mr. Casulo was subsequently convicted.

Mr. Ronald G. Lepson

- 3 -

February 12, 1991

Should you desire any information regarding this action Harold Dye (phone: 631-3400) of the Maryland Department of the Environment, Hazardous Waste Enforcement Division, may be contacted.

If you have any further questions regarding these sites, please call me at 461-9956.

Very truly yours,



Frank A. Skinner, Director
Bureau of Environmental Health

FAS:hs