

approved 1/3/83

Stayed

PERMIT

P 32117

A 25415

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3rd

03-296512

DATE 8/20/82

INDEX

9/27/82
trenching m. plan
4/27/82
AM please
1/3/83
AM please

Olen Ketterman

IS PERMITTED TO INSTALL ALTER

ADDRESS 14960 Frederick Road, Woodbine, Md. 21797 PHONE 442-1336

SUBDIVISION ROAD ¹⁴⁵¹ ~~1451~~ Henryton Road LOT

PROPERTY OWNER Joseph T. and Pamela K. Jones

ADDRESS 5203 Overcrest Avenue, Baltimore, Md. Phone No.: 448-9194

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 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

TRENCHES - Two trenches, each 78 ft. long, 2 ft. wide, 7 1/2 feet deep, inlet at 2 1/2 ft., with 5 ft. of stone under pipe. Trenches to follow the contour of the land. Space the trenches ~~XXXX~~ 13 ft. apart, center-to-center. Absorbent side-wall area to 170 sq. ft. per bedroom in system.

PLANS APPROVED BY Robert T. Moorefield & Frank A. Skinner DATE 3/31/78 & 7/7/82

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.

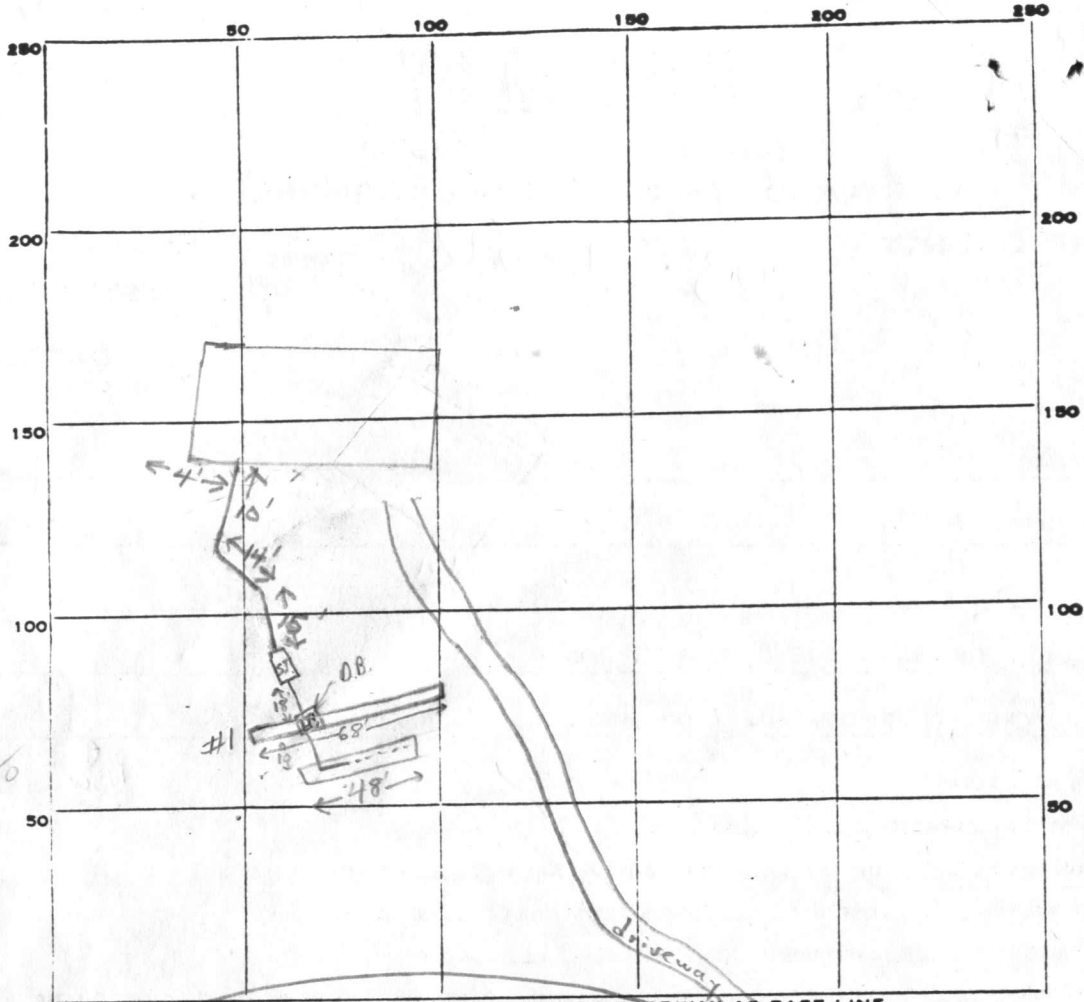
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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.

25415



68
48
116
6.5
58
196
540
Well

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Henryton Rd

PERMIT CARD _____

SEPTIC TANK, LEVEL

CLEANOUTS _____

S.T.
OK.

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 9 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 1/2 - 7 FT #1 - 68' long #2 - 48'

NUMBER OF TRENCHES 2

ONE SIDEWALL TOTAL BOTTOM AREA +754

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET 6.5 FT.

ABSORBENT AREA +754 SQ. FT.

REMARKS 9/23/82 No one @ site no permit card seen, but OK to gravel in trench #1 F.S.
9/24/82 OK to cover trench #1, OK to use 1 additional trench 2' wide 43' long 9 1/2' deep 6' stone under pipe. F.S.
9/27/82 Call for final inspection when home is connected F.S.
11/3/83 OK to cover all work. J

DATE SYSTEM APPROVED _____

11/3/83

INSPECTOR _____

Stayer

Iron pipe set
20 Ft. on line

Stone found

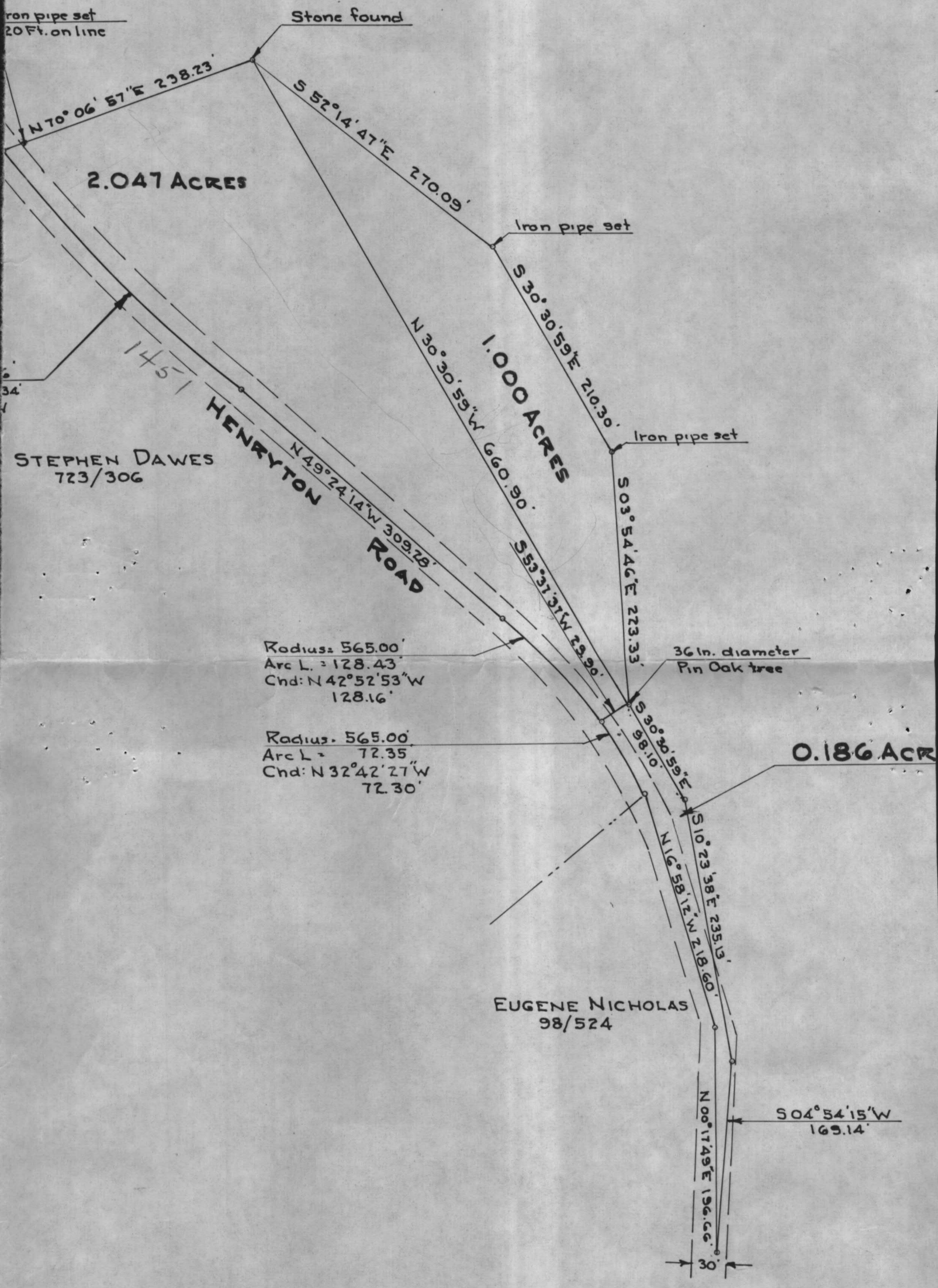
2.047 ACRES

1.000 ACRES

0.186 ACR

STEPHEN DAWES
723/306

EUGENE NICHOLAS
98/524



Plat of Survey
Jeremiah Gordon Early

1" = 100'

APPLICATION

A 25415

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 3rd

DATE 3/16/77

HOWARD COUNTY HEALTH DEPARTMENT 2 1/2 - 6 1/2 abruptive
ENVIRONMENTAL HEALTH SERVICES if D.V. added 2 1/2 - 7 1/2 depth area
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356 170 #/BR

Recorded
3/31/77
4/22/77
9:30 A.M.
2nd

The sewage disposal system will consist of a 1000 gal. S.T. and 2 ft wide, 6 1/2 ft deep trenches - (A dry well ~~at~~ 7 1/2' deep may be added if desired. Abruptive sidewall area will be considered from 2 1/2 - 7 1/2' below O.G.) The trenches will contain 4' of stone and will follow the contour of the land. Space the trenches 13' apart, center-to-center. There will be no less than 510 # of abruptive sidewall area in the disposal area.

TO THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

Rm 31 Mar 77

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Jeremiah Gordon Early Joseph T. + Pamela K. Jones

ADDRESS 1645 Henryton Road, Marriottsville, Md. 21104 PHONE 328-2230 448-9194
5203 Overcrest Avenue
Work - 997-8030

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION 1451 Henryton Road

SIZE OF LOT 3.047 acres m/1 TYPE BLDG. 4 bedrooms
3 or 4 bedrooms
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT Jeremiah M. Early

APPROVED BY R. Mansfield (pending down) FOR Trenches DATE 31 Mar 77
(KIND OF SYSTEM)

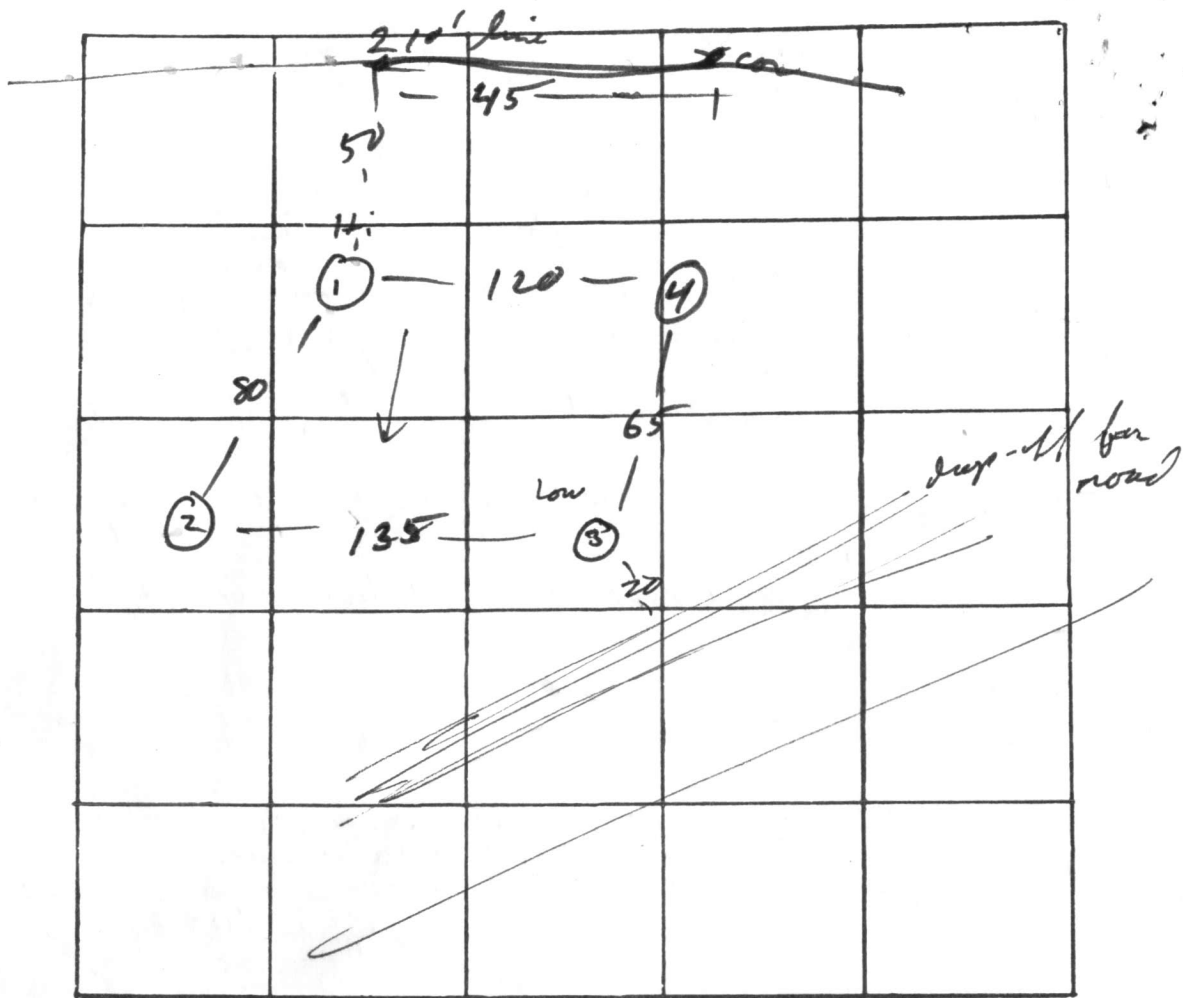
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 11/1/77
Serial # 49989

THIS IS NOT A PERMIT



- ①
- 0 —
- 1 sandy
- 10
- 10 1/2 hard pan
- ② ③ ④
- 0 —
- 1 sandy
- 13 —

INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE

Henington Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/31/77	1	10 1/2	1137	1152	1152	1213	20
	1A	2 1/2	1138	1142	1142	1148	6
	2	2 1/2	1146	1148	1148	1150	2
	2A	13	1152	1159	1159	1208	9
	3	4	1208	1209	1209	1211	2
	3A	13	1207	1210	1210	1214	4
	4	12	vis	dry	(same as 2/3)		

REMARKS _____

TYPE OF SOIL _____

TESTED BY M ALSO PRESENT: Fryock

C 1 3923 SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)

DATE RECEIVED (WRA USE ONLY) _____ DATE WELL COMPLETED June 11, 1978

8-13 15 20

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 _____

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-78-2701

28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. 238

OWNER Early C. LAST NAME C. FIRST NAME Joseph

STREET OR RFD 1645 Henryton Rd. POST OFFICE Marriottsville

WELL LOG

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

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
<u>Sand</u>	<u>0</u>	<u>28</u>	
<u>micaceous rock</u>	<u>28</u>	<u>305</u>	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) Y N

TYPE OF GROUTING MATERIAL (CIRCLE BOX):
 CEMENT C M BENTONITE CLAY B C

NO. OF BAGS 10 NO. OF POUNDS 940

GALLONS OF WATER 66

DEPTH OF GROUT SEAL (TO NEAREST FOOT)
 FROM 0 FT. TO 30 FT.

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL S T CONCRETE C O

PLASTIC P L OTHER O T

MAIN CASING TYPE S T

NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6

TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 31

OTHER CASING (IF USED)

EACH CASING	DIAMETER (INCH)		DEPTH (FEET)	
	FROM	TO	FROM	TO

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL S T BRASS OR BRONZE B R OPEN HOLE H O

PLASTIC P L OTHER O T

C 2 (SEQ. NO.)

1 2 3 (SEQ. NO.) 6

DEPTH (NEAREST WHOLE FOOT) FROM TO

1	<u>8</u>	<u>9</u>	<u>11</u>	<u>15</u>	<u>17</u>	<u>21</u>
2						
3						

SLOT SIZE 1, _____ 2, _____ 3, _____

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM 60 TO _____

GRAVEL PACK _____

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68 F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING T 70 LOG INDICATOR 72 OTHER DATA AVAILABLE W Q 74 75 76

C 3 (SEQ. NO.)

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 3

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 1

METHOD USED TO MEASURE PUMPING RATE W

WATER LEVEL: (DISTANCE FROM LAND SURFACE)
 BEFORE PUMPING 17 (NEAREST FOOT) 20

WHEN PUMPING 5 (NEAREST FOOT) 25

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)
 A AIR P PISTON T TURBINE
 C CENTRIFUGAL R ROTARY O OTHER (DESCRIBE BELOW)
 J JET S SUBMERSIBLE

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) 29

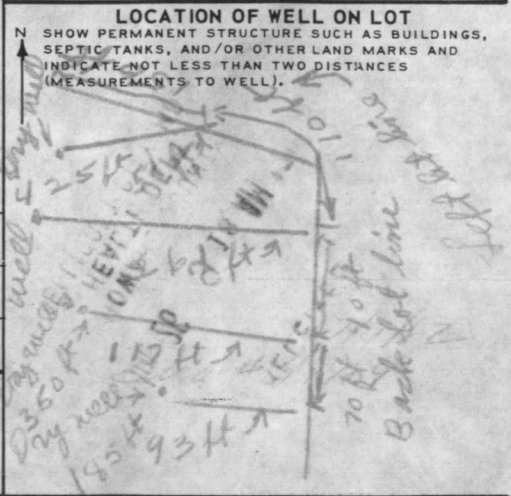
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) Y N

CAPACITY:
 GALLONS PER MINUTE (TO NEAREST GALLON) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)
 + ABOVE } LAND SURFACE } 2 (NEAREST FOOT)
 - BELOW }



CIRCLE APPROPRIATE BOXES

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 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.

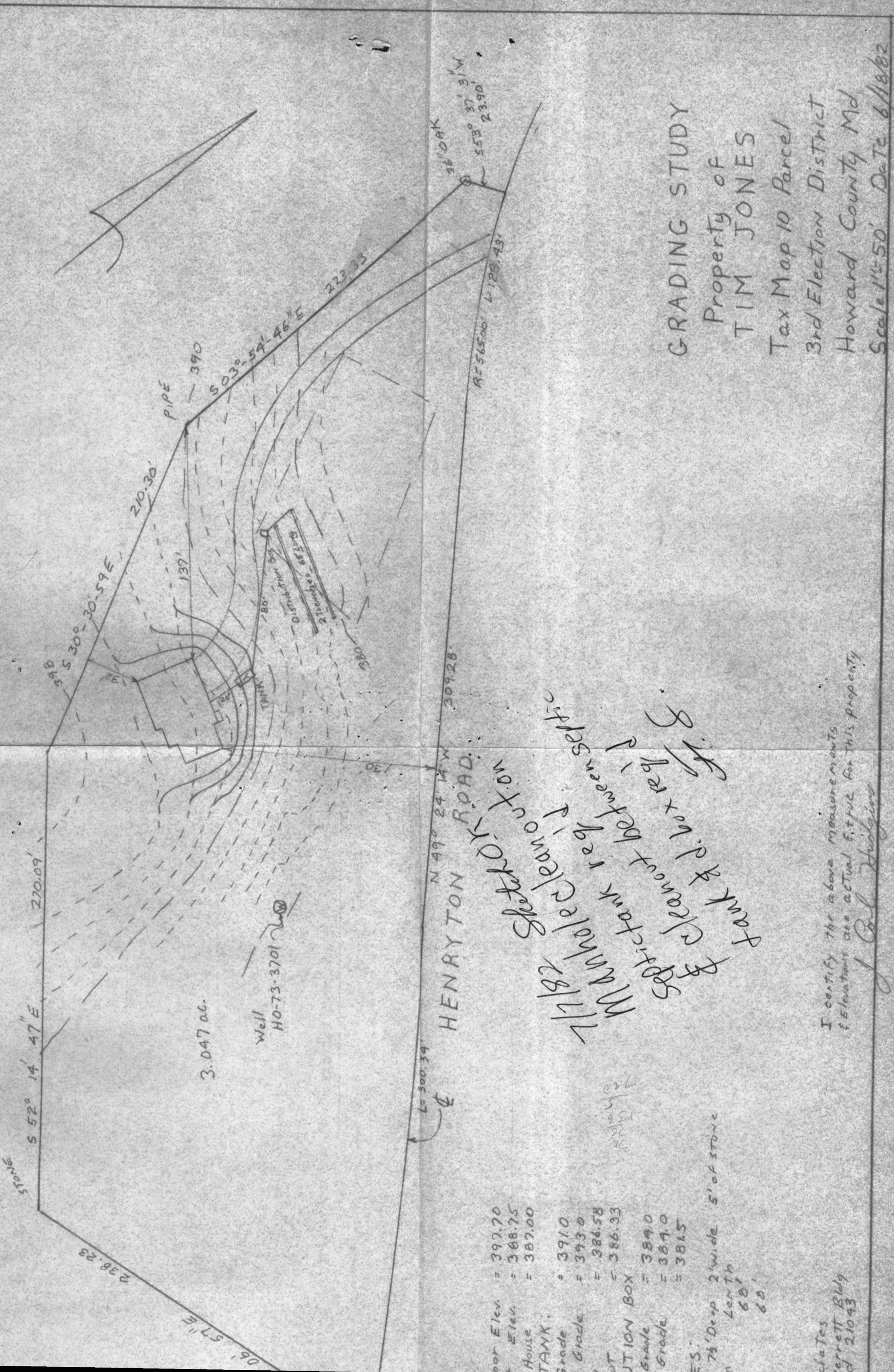
DRILLERS NAME Joseph L. Wagner

(PLEASE PRINT) Joseph L. Wagner

SIGNATURE Joseph L. Wagner

RECEIVED

JUL 26 9 18 AM '70
HOWARD COUNTY
HEALTH DEPT.
ELLCOTT CITY, MD.



GRADING STUDY

Property of
 TIM JONES
 Tax Map 10 Parcel
 3rd Election District
 Howard County Md
 Scale 1"=50' Date 6/18/82

Bar Elev.	= 397.70
House Elev.	= 388.75
House Grade	= 387.00
TANK:	
Grade	= 391.0
Grade	= 393.0
Grade	= 386.58
Grade	= 386.33
DISTRIBUTION BOX:	
Grade	= 389.0
Grade	= 389.0
Grade	= 381.5

ES:
 7 1/2' Deep 2' wide 5' of stone
 Length
 60'
 60'

1787 Speakey's on
 Main cleanout on
 Tank & pipe replaced &
 cleanout between septic
 tank & main cleanout on
 Speakey's

I certify the above measurements
 & Elevations are ACTUAL & TRUE for this property
 J. Col. Hudgins

includes
 Ferrett Bldg
 and 21043

6/3/82 OK J.S.

Page 1 of 1
Date May 21, 1982

Review _____

drilled May 31, 1978

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 73-2701
Location of property (road) 1645 Herrington Rd.
Subdivision _____ Lot _____ Block _____ Plat _____ Sec. _____
Well Driller Joseph L. Mayne Owner Jerome H. Early
Depth of well 300
Distance of measuring point (M.P.) above ground 1 1/2
Static water level (S.W.L.) below M.P. 53

I. High rate pumping -- reservoir drawdown
Time pump started 9:15 Pumping rate 8 1/2 gal.
Total time 10:00 to reach pumping water level 105 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill $\frac{1}{2}$ gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:15 AM.	53 ft.	7 sec.		8 1/2
9:30	110	7 sec.		8 1/2
9:45	110	60 sec.		1
10:00	105	60 sec.		1
10:15	105	60 sec.		1
10:30	105	60 sec.		1
10:45	105	60 sec.		1
11:00	105	60 sec.		1
11:15	105	60 sec.		1
11:30	105	60 sec.		1
11:45	105	60 sec.		1
12:00	105	60 sec.		1
12:15	105	60 sec.		1
12:30	105	60 sec.		1
1:00	105	60 sec.		1
1:15	105	60 sec.		1
1:30	105	60 sec.		1
1:45	105	60 sec.		1
2:00	105	60 sec.		1
2:15	105	60 sec.		1
2:30	105	60 sec.		1
2:45	105	60 sec.		1
3:00	105	60 sec.		1
3:15	105	60 sec.		1

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
ELLCOTT CITY, MD

JUN 2 3 54 PM '82

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
JUN 3 9 21 AM '82
DIVISION OF
ENVIRONMENTAL
HEALTH