

9/25/78  
After lunch

8/26/78  
around noon

# PERMIT

P 28852  
A 27029

SEWAGE DISPOSAL SYSTEM  
MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

ELLICOTT CITY  
DISTRICT 5th

DATE 9/14/78

**INDEXED**

Donald Parlette \_\_\_\_\_ IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

SUBDIVISION Braeburn ROAD Braeburn Road LOT 25

PROPERTY OWNER John Taggart

ADDRESS 10822 Braeburn Road, Columbia, Md.

SPECIFICATIONS 3 bedrooms

SEPTIC TANK CAPACITY 1000 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

Dry Well & Trench System to have 187 sq. ft. effective sidewall absorption area per bedroom to begin below the first 4 ft. of non-porous soil. Maximum depth permitted for dry well or trench is 10 ft. below original grade. Place the dry well 40 ft. from the left sideline and 125 ft. from the edge of the road as seen when facing the property from Braeburn Road. Start the trench after a 5 ft. earth buffer with the dry well and proceed to dig it on level ground (running towards the right sideline) the necessary distance.

PLANS APPROVED BY Frank Skinner DATE 1/23/78

- 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 TERRAZO ACCEPTED.

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

A 27029



Don Parlette  
**APPLICATION**

A 27029

SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Received  
11/29/77  
9:30 AM  
12/1/77  
1:00 PM

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES 1000 gal. septic tank | 3 B.R. | 4 B.R. DISTRICT 5th  
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356 | DATE 10/10/77

187 sq. FT. effective sidewall absorption area per bedroom to begin below the first 4 ft. of non-porous soil. Maximum depth permitted for drywell or trench is 10 ft. below original grade. Place the drywell 40 ft. from the left side line and 125 ft. from the edge of the road as seen when facing the property from Braeburn Road, start the trench after a 5 foot earth buffer with the drywell and proceed to dig it on level ground (running towards the right side line) the necessary distance. NOTE: Call for inspection of trench before gravel is installed.

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

PROPERTY OWNER JOHN L. TAGGART

ADDRESS 10822 BRAEBURN RD., COLUMBIA, MD. 21044 PHONE 531-6409

PROPERTY LOCATION:  
SUBDIVISION BRAEBURN LOT NO. 25

ROAD AND DESCRIPTION BRAEBURN RD OFF CEDAR LANE  
5TH LOT ON RIGHT

SIZE OF LOT 1.138 AC. TYPE BLDG. 3bed. SINGLE FAMILY (4)  
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 John L. Taggart BLDG. PERMIT SIGNED AND RETURNED 6/27/78

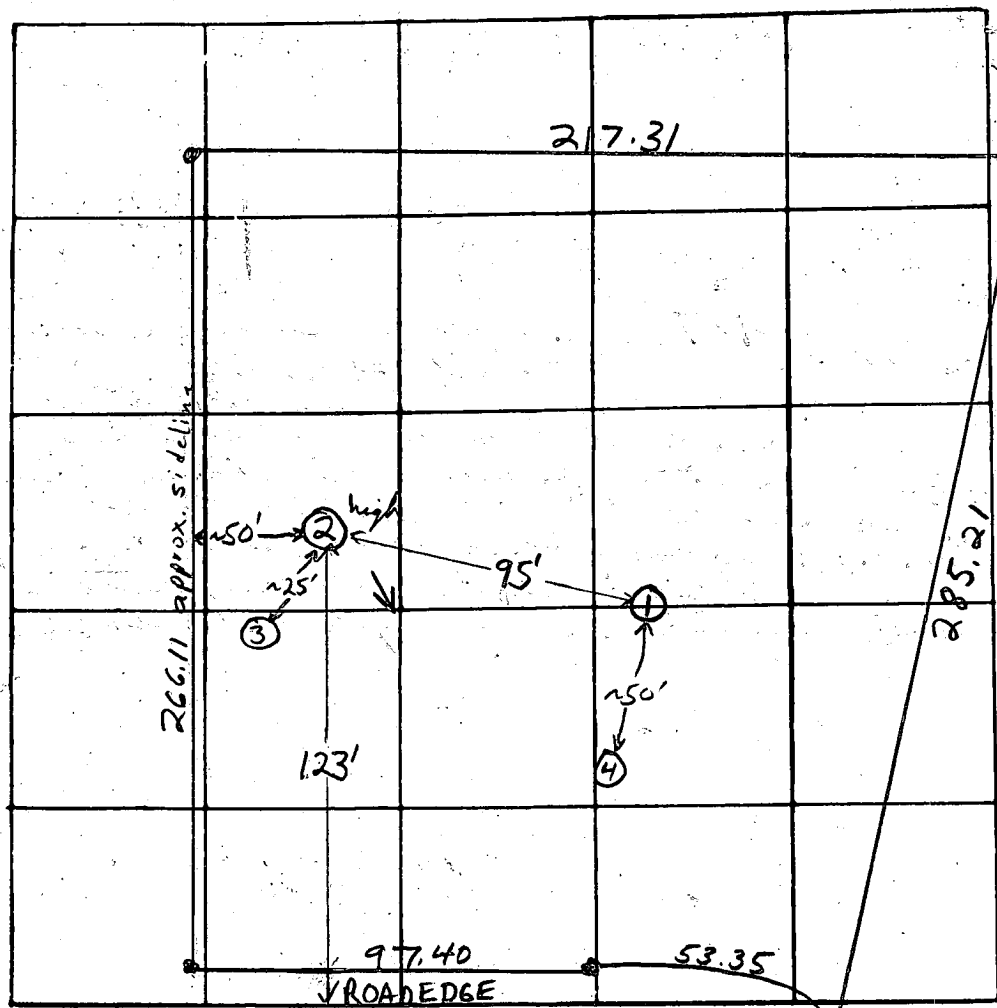
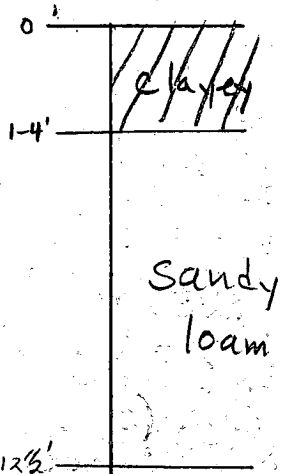
APPROVED BY Frank Skinner FOR drywell & trench DATE 1/23/78  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

**THIS IS NOT A PERMIT**



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
12/1/77	1	3'	1:49	1:51	1:51	1:55	4 min	
	1A	12 1/2'	1:49	1:55	1:55	2:06	11 min	
	2	12 1/2'	1:51	2:05	2:05	2:33	28 min	
	2A	2 1/2'	1:56	2:18	2:18	2:33	pulled pipe 2:33 1/2' FAILS	
	3	~11'	Sandy clay mix some rock boulders					
	4	~10'	Sandy clay mix					
	2B	4'	2:36	2:40	2:40	2:48	8 min	

REMARKS

TYPE OF SOIL

Sandy loam below top 1-4' clay soil

TESTED BY

F.S.

ALSO PRESENT:

Fyock & Co., Taggart



N 60°00'00"E

217.31°

266.11'

283.21'

100'

WELL

WELL EL = 271'

290'

D=10'



SEPTIC TANK 1000 GAL

TRENCH 35' D=10'

DRYWELL DEPTH = 10'

280

6/23/78

Sketch O.K.

J.S.

270

N 28°43'50"W

N 15°05'40"E

S 61°16'10"W

97.40'

L = 53.35'  
R = 225.00'

FIRST FLOOR EL = 286.0'

BASEMENT EL = 277.0'

HOUSE INVENT EL = 281.2'

SEPTIC TANK INVENT = 271.0'

DRY WELL INVENT EL = 271.5'

SURFACE AT DRY WELL =

N.W. = 280.0'

FINISH GRADE = 280.5'

SURFACE AT SEPTIC TANK = 274.0'

JOHN TAGGIAN  
10832 BRAEBURN  
COLUMBIAN MO.

LOT 25  
PLAT ONE  
BRAEBURN

SCALE 1" = 30'

BRAEBURN ROAD

**0593** (SEQ. NO.)  
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401  
**APPLICATION FOR PERMIT TO DRILL WELL**  
**HO-73-21033**  
 FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY) **4/26/78 9:30 A.M.**

OWNER: **Tarrant John**  
 COL 15 LAST NAME COL 34 FIRST NAME

STREET OR RFD: **10822 Braeburn Rd.**  
 COL 36 COL 55

POST OFFICE: **Columbia Md.**  
 COL 57 COL 76

**B 1 CONTINUED DRILLER INFORMATION**

DATE: **1978** LICENSE NUMBER: **42**  
 COL 1 2 3 (SEQ. NO.) 6 COL 77 80

FIRST NAME: **Stanley** DRILLER LAST NAME

SIGNATURE: *[Signature]*

**B 3 LOCATION OF WELL**

COUNTY: **Howard** COL 8 (DO NOT ABBREVIATE COUNTY NAME) COL 21

SUBDIVISION: **Braeburn** COL 29 COL 42

SECTION: **44** LOT: **25** COL 44 COL 46 COL 48 COL 50

NEAREST TOWN: **Imperialville** COL 52 COL 71

MILES FROM TOWN (ENTER 0 IF IN TOWN): **2** COL 73 COL 76 77 78

**B 2 WELL INFORMATION**

MAXIMUM PUMPING RATE (GALLONS PER MINUTE): **5** COL 8 COL 12

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY): **600** COL 14 COL 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

FARMING, AGRICULTURE, IRRIGATION

INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.

MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL

PRIVATE WATER COMPANY

TEST

**B 4 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)**

NORTH  EAST  NE NORTHEAST  SE SOUTHEAST

SOUTH  WEST  NW NORTHWEST  SW SOUTHWEST

NEAR WHAT ROAD: **Cedar Jan.**

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX):  NORTH  SOUTH  EAST  WEST

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX): **800** COL 34 COL 37 COL 38 39

APPROXIMATE DEPTH OF WELL: **150** FEET COL 24 COL 28

APPROXIMATE DIAMETER OF WELL: **6** (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)

BORED (OR AUGERED)  JETTED  DRIVEN

AIR-ROTARY  AIR-PERCUSSION  ROTARY (HYDRAULIC ROTARY)

CABLE  REVERSE-ROTARY  DRIVE-POINT

OTHER (DESCRIBE):

**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)

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

APPROPRIATION PERMIT NUMBER: **54** COL 54 COL 63 COL 65

ENGINEER REVIEW DISTRICT NO. **227630**

FORCE:  WRITE INITIALS IN BOX  CONDITIONS:  COL 67 68 COL 70 71 72 73 74 75 76 77 78 79

**B 4 CONTINUED HEALTH DEPARTMENT APPROVAL**

COUNTY NAME: **Howard** COUNTY NO.: **227630**

DATE: **3/16/78** APPROVED BY: **Donald W. Monahan, Sanitaria**

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

*well*

*61' casing*  
*1 1/2' casing above grade*  
*40' open hole*  
*25 bag cement*  
*4/26/78 O.K. F.S.*  
*Imperialville*

BOX NUMBER: **830** COL 599 COL 600  
**490** COL 601 COL 602

NORTH COORDINATE: **4947000** COL 520 COL 550  
 EAST COORDINATE: **0923000** COL 570 COL 630

ELEVATION AT WELL HEAD (FEET): **0/0** COL 650 COL 680

**B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)**

1 2 3 (SEQ. NO.) 6

C 1 **4148** SEQUENCE NO. (WRA USE ONLY)

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

**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

DATE RECEIVED (WRA USE ONLY) 4/26/78 DEPTH OF WELL 140 PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-73-2633

DATE WELL COMPLETED 4/26/78 22 (TO NEAREST FOOT) 26 28 29 30 31 32 33 34 35 36 37

8-13 15 20 DRILLERS IDENTIFICATION NO. 42

OWNER TAGGART, JOHN LAST NAME FIRST NAME

STREET OR RFD 10822 BRAEBURN ROAD POST OFFICE COLUMBIA, MD.

**WELL DESCRIPTION**

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	
Top soil	0	3	
SHADY	3	50	
SANDSTONE	50	70	
MICA	70	80	
SANDSTONE	80	85	<input checked="" type="checkbox"/>
MICA	85	90	
SANDSTONE	90	95	<input checked="" type="checkbox"/>
MICA	95	140	

**GROUTING RECORD**

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES  NO

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

NO. OF BAGS 25 NO. OF POUNDS 2500

GALLONS OF WATER 125

DEPTH OF GROUT SEAL (TO NEAREST FOOT) FROM 0 FT. TO 40 FT.

**CASING RECORD**

CASING TYPES (INSERT APPROPRIATE CODE BELOW)

STEEL  CONCRETE  PLASTIC  OTHER

MAIN CASING TYPE ST NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 140

**OTHER CASING (IF USED)**

DIAMETER (INCH) FROM TO

**SCREEN RECORD**

SCREEN TYPE OR OPEN HOLE (INSERT APPROPRIATE CODE BELOW)

STEEL  BRASS OR BRONZE  PLASTIC  OTHER

**DEPTH (NEAREST WHOLE FOOT)**

EACH SCREEN	DEPTH (NEAREST WHOLE FOOT)	
	FROM	TO
1	<u>70</u>	<u>140</u>
2		
3		

SLOT SIZE 1, 2, 3

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM TO

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX

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

TELESCOPE CASING  LOG INDICATOR  OTHER DATA AVAILABLE

**PUMPING TEST**

HOURS PUMPED (TO NEAREST HOUR) 3

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 12

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE) BEFORE PUMPING 30 (NEAREST FOOT) WHEN PUMPING 170 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)

AIR  PISTON  TURBINE  CENTRIFUGAL  ROTARY  OTHER (DESCRIBE BELOW)  JET  SUBMERSIBLE

**PUMP INSTALLED**

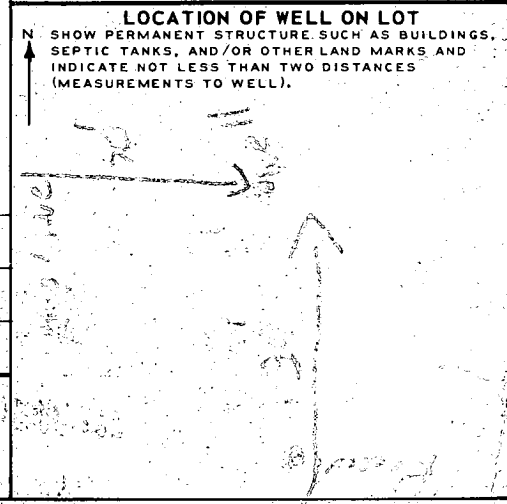
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES  NO

CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) 31 PUMP HORSE POWER 37

PUMP COLUMN LENGTH (NEAREST FOOT) 43

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT) 2 LAND SURFACE (NEAREST FOOT)



**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 L. F. EASTERDAY

(PLEASE PRINT) L. F. Easterday

SIGNATURE