

05-381592

SYSTEM TO BE INSTALLED
FIRST BEFORE BUILDING
PERMIT CAN BE SIGNED.

PERMIT

P 28979

A 23979

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

INDEX

ELLICOTT CITY

DISTRICT 5th

DATE 10/4/78

11/22/78
6/1/79 or 6/4/79
6/6/79

Costello Builders IS PERMITTED TO INSTALL ALTER

ADDRESS Box 2201 Route 94, Woodbine, Md. 21797 PHONE 442-2288

SUBDIVISION Highland Lake #13171 ROAD Holly Loch Lane LOT 18, Sec. 1

PROPERTY OWNER Costello Builders *Robert Blair*

ADDRESS same as above

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 160 SQ. FT. absorbent sidewall area per bedroom.
INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 12 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

Locate dry well per engineer's plat.

PLANS APPROVED BY Donald W. Monaghan & Charles B. Streaker DATE 1977

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.

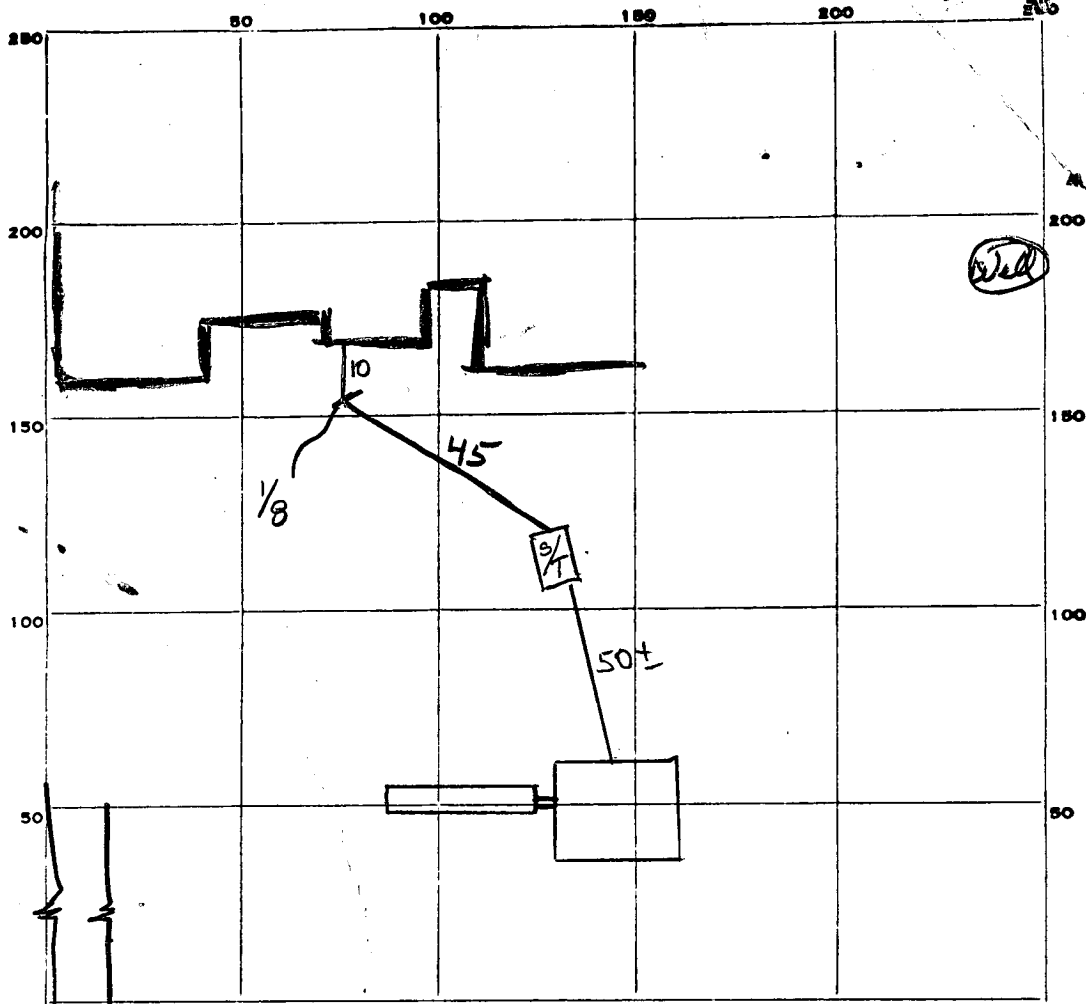
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA
COTTA ACCEPTED.

BLDG. PERMIT SIGNED
AND RETURNED 12/18/78
serial # 31750

23979

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

A23979



Holly Loch ROAD

PERMIT CARD _____

SEPTIC TANK, LEVEL CLEANOUTS S.T. D.W. terracotta

DISTRIBUTION BOX, LEVEL _____

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

GRAVEL DEPTH 8 FT. IN. TOTAL LENGTH 30 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 240

SEEPAGE PITS, INSIDE DIAMETER Perimeter 56 FT. DEPTH BELOW INLET 8 FT.

ABSORBENT AREA 448 SQ. FT.

REMARKS need cap on cleanout, call when house
connected to septic tank - Fromme &
11-22-78 hole 3'-4' below bottom checked for water at 1/2"
6 June 79 - House connection installed but terracotta cleanouts
need cement plugs (GUK) (TOCALL)

APPLICATION

A 23979

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT Fifth

DATE 9/15/76

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER Mr. Walter Bucher

ADDRESS Highland Partnership
8777 First Avenue PHONE (8)-588-3100
Silver Spring, MD 20901

PROPERTY LOCATION:

SUBDIVISION Highland Lake LOT NO. 26 #26

ROAD AND DESCRIPTION Dundee Court

SIZE OF LOT one acre m/l TYPE BLDG. 3or 4 bedroom
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 /s/ Mr. Walter Bucher

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

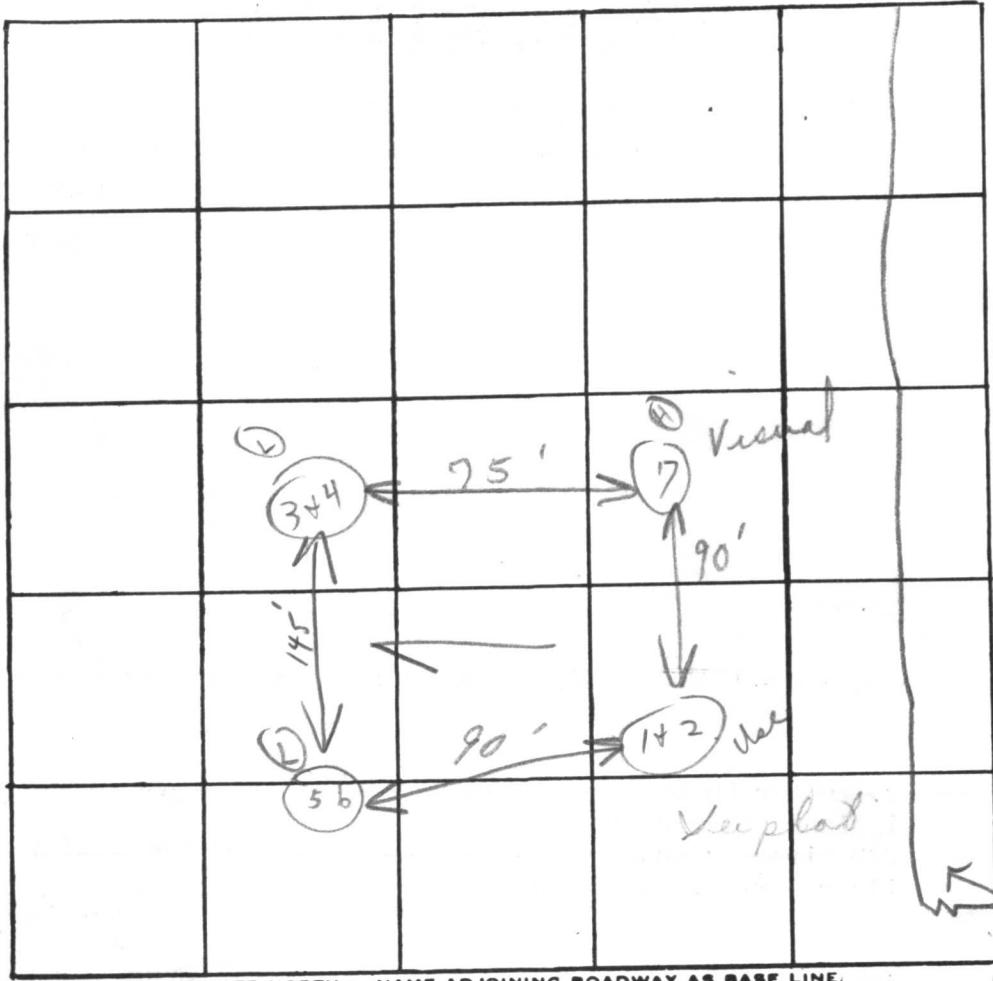
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

A23979



Holly Food Lane

#18

New #19

1/26

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/6/76	Val 1	3'	2:12	2:15	2:15	2:19	4m
	Ⓜ 2	13'	2:12	2:17	2:17	2:22	5m
	3	3'	2:01	2:03	2:03	2:07	4m
	Ⓛ 4	11 1/2'	2:25	2:27	2:27	2:35	8m
	5 *	3'	1:46	1:48	1:48	1:51	3m
	Ⓛ 6	11 1/2'	1:46	1:47	1:47	1:54	7m
	Ⓜ 7	13'	Visual				
						6:31	

13' {
clay,
1-2'
3'
13' ↓
13 1/2' {
1-2 1/2' clay
↓ Loam
11 1/2' {
1-2 1/2' clay
3'
↓ Loam-sand
11 1/2'

160 yd.

similar to other
5 min
inlet 3'

REMARKS inlet 3'

TYPE OF SOIL Sandy loam below clay

TESTED BY C.B.S. ALSO PRESENT: Ketterman

APPLICATION

A 19722

Preliminary

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

5th

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 2-25-74

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER Apple Development Company, Inc.

ADDRESS Box 145-A-RFD #1, Ijamsville, Md. PHONE 301/874-2835

PROPERTY LOCATION:

SUBDIVISION Henry K. Owings Property UNDER OLD PLAN
LOT NO. Lot 96 - Phase 1

ROAD AND DESCRIPTION Corner Road "A" & Road "B"

SIZE OF LOT 37000 #+ TYPE BLDG. 3-4 B.R.

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE N/A

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

SIGNATURE OF APPLICANT Robert H. Keenan

APPROVED BY _____ FOR _____ DATE _____
(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

A23979



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
	1	5'	340	343	343	350	7
	1A	11 1/2'	343	345	345	348	3
	2	10 1/2'	SAND STONE		ROCK		—
	3	4'	348	349	349	352	3
	3A	10 1/2'	355	357	357	359	2
	4	10'	SAND STONE		ROCK		←

LOW

SANDY LOAM 11/51

REMARKS CERTIFY ALL HOLES
 TYPE OF SOIL SANDY SOIL
 TESTED BY H.J. ZBAR ALSO PRESENT: C.B.S. Barth

496 494 492

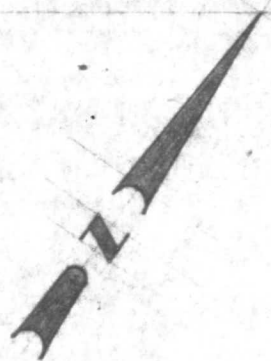
20' Drainage easement

507.39'

20' Bldg restriction line

Drainage easement

10' stone base driveway



50' Bldg restriction line

5' Utility easement

344.49'

50' Bldg restriction line

276.34'

Well

20'

42'

93'

60'

34° 05' 14" W

502 504

168.48'

500

492

496

494

492

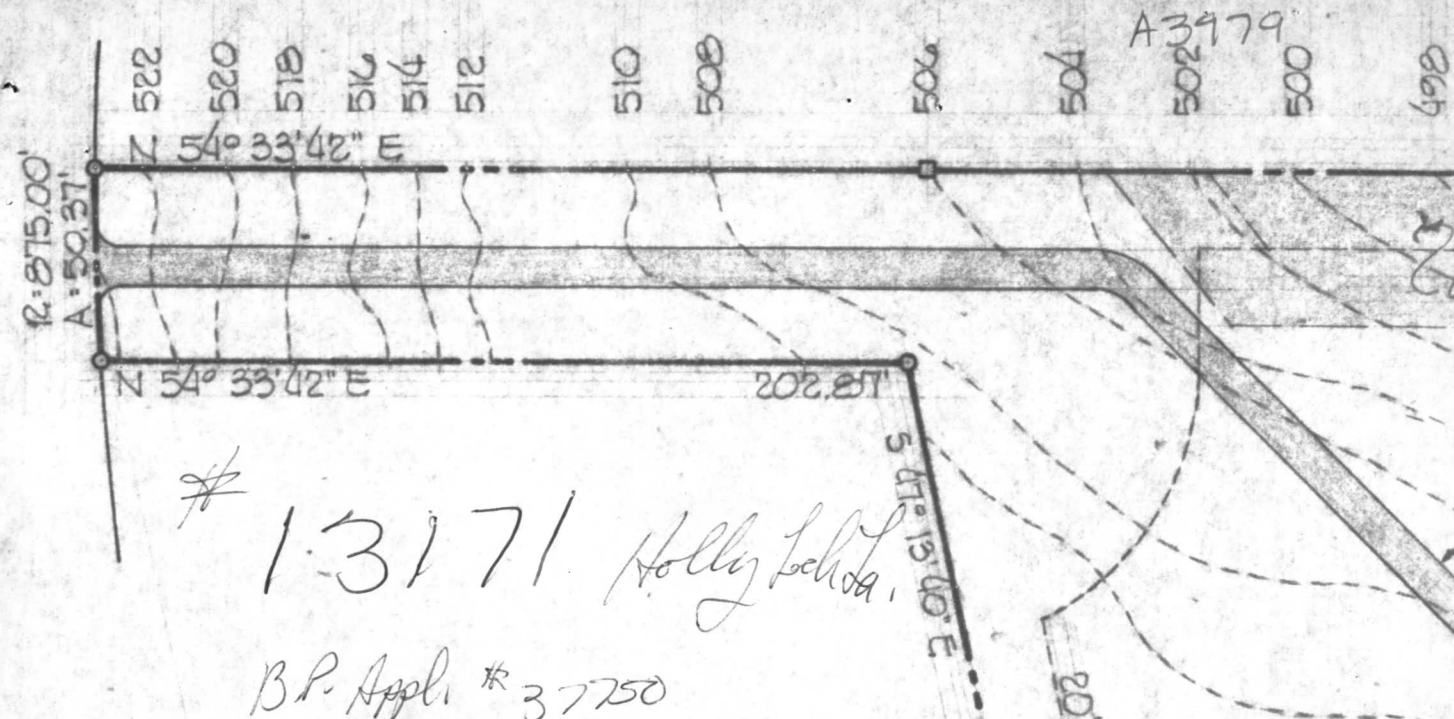
490

488

486

484

482



13171 Holly Loch
 B.P. Appl # 37750

WELL AND SEPTIC DATA

INV. IN DRYWELL	508.00	✓
INV. OUT SEPTIC TANK	508.67	✓
INV. IN SEPTIC TANK	509.00	✓
INV. OUT DWELLING	509.17	✓
BASEMENT ELEVATION	508.33	
FIRST FLOOR ELEVATION	511.08	
WELL ELEVATION	503.00	
NUMBER BEDROOMS	4	
ACREAGE	176,606 SQ. FT. OR 4.0543 AC.	

Not ok 11/8/78 as shown
 C.B.S. + F.F.

11/8/78 (1) Need to confirm water well location - if below perc area need to relocate

perc area
 per F.F. 510
 + for house
 needs to be
 20' from 508
 sewage
 disposal
 area
 11/8/78



COSTELLO BUILDERS CORP.

Need system in first + tank

SCALE: 1"=50'-0"
 DATE: OCTOBER 3, 1978

APPROVED BY:

DRAWN BY: W.M. YOUNG
 LOT NUMBER: #18, SECT. I

SITE PLAN

RESIDENCE FOR MR. & MRS. ROBERT R. BAIR
 13171 HOLLY LOCH LANE, HIGHLAND, MARYLAND 21029

DRAWING NUMBER: SP-1

20' Rwy restriction line

80' trench
 5' buffer
 25' total

1250 sq ft septic

65'

542° 46' 20" W

A3979

HOWARD COUNTY HEALTH DEPARTMENT

A23979

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, Maryland 21043

Director - 461-9956
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

June 13, 1988

Mr. Robert Blair
13171 Holly Loch Lane
Highland, Maryland 20777

RE: Highland Lake, Lot 18, Sec.
1, 13171 Holly Loch Lane
Well Permit #HO-81-1865

Dear Mr. Blair:

The water sample recently submitted for testing was free of coliform and fecal coliform bacteria at the time of sampling and is bacteriologically safe for drinking.

FINAL CERTIFICATE OF POTABILITY

This certifies that all sampling requirements of COMAR 10.17.13 "Well Regulations" have been met for the water supply system installed under permit(s) HO-81-1865.

Date of Final Sampling
April 21, 1988

Date of Acceptance
May 17, 1988

Jane E. Nadeau *EN*
Jane E. Nadeau, Sanitarian
Water and Sewerage Program

Water Sample Dates: 6/2/87
4/21/88

JEN:hs

A23979

REGION _____

AREA _____ RATING _____

ACKNOWLEDGMENT AND CONTROLS	DATE

Howard County Department of Health
BUREAU OF ENVIRONMENTAL HEALTH

DISPOSITION	DATE

RECORD OF INVESTIGATION

LOCATION 13171 Holly Loch Lane ZIP H 854-0173
 OWNER ADDRESS same PHONE W 763-7802
 OCCUPANT Robt. Bair

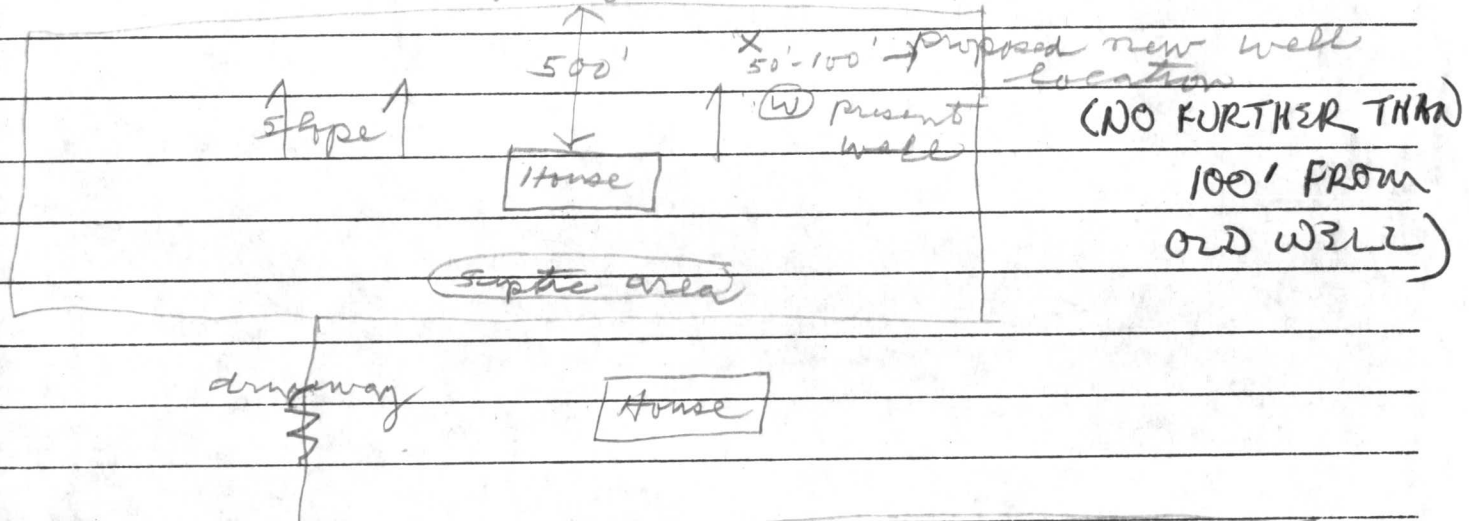
COMPLAINANT _____ ADDRESS _____ PHONE _____

REASON FOR INVESTIGATION Well site (Replacement)

RECEIVED BY _____ DATE _____ ASSIGNED TO _____ DATE _____
 CODES _____

DATE OF INVESTIGATION 1/12/87 TIME 4:15 PM WEATHER _____

REPORT Present well going dry.



Holly Loch La
Proposed new locations - 50 - to 100 ft
in back & down hill from present
well JS
Geo. Easterday will apply for permit.

DATE SUBMITTED _____ SANITARIAN _____

C1 3820 SEQUENCE NO. (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 WELL COMPLETION REPORT
 FILL IN THIS FORM COMPLETELY
 PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER A 23979

DATE RECEIVED
 8 13

DATE WELL COMPLETED
 15 20 03/18/87

Depth of Well
 22 26 260 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
 HB-81-1865

OWNER BAIR (last name) ROBSKI (first name)
 STREET OR RFD 1371 HOLLY LOCK LANE TOWN HIGHLAND
 SUBDIVISION HIGHLAND LAKE MAP 34 SECTION 2 LOT 18

WELL LOG
 Not required for driven wells

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

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
BR. mica	0	37	<input checked="" type="checkbox"/>
Blue mica	37	60	<input checked="" type="checkbox"/>
GREEN mica	60	110	<input checked="" type="checkbox"/>
CRAY mica	110	260	<input checked="" type="checkbox"/>

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle appropriate box)
 YES NO
 TYPE OF GROUTING MATERIAL
 CEMENT BENTONITE CLAY
 NO. OF BAGS 43 NO. OF POUNDS 4300
 GALLONS OF WATER 215
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 32 ft.

CASING RECORD
 casing types insert appropriate code below
 ST CO
 STEEL CONCRETE
 PL OT
 PLASTIC OTHER
 MAIN CASING TYPE 3T
 Nominal diameter top (main) casing (nearest inch) 6
 Total depth of main casing (nearest foot) 39

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

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

C2
 DEPTH (nearest ft.)
 EACTIS SCREEN 1 40 39 260
 2
 3
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN 56 60 (NEAREST INCH)

GRAVEL PACK
 IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) WQ
 70 72 74 75 76
 TELESCOPE CASING LOG INDICATOR OTHER DATA

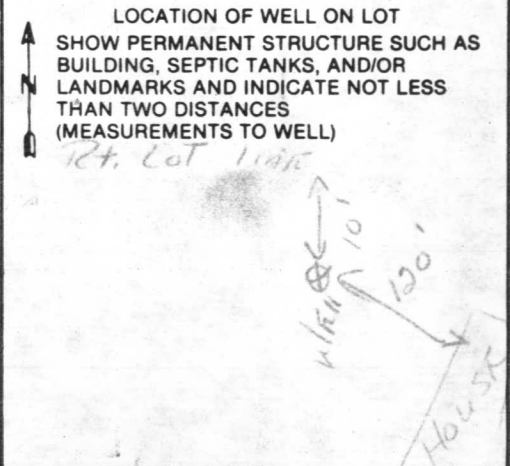
C3
 PUMPING TEST
 HOURS PUMPED (nearest hour) 6
 PUMPING RATE (gal. per min. to nearest gal.) 4
 METHOD USED TO MEASURE PUMPING RATE Bucket
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING 40
 WHEN PUMPING 260
 TYPE OF PUMP USED (for test)
 A air P piston T turbine
 C centrifugal R rotary O other (describe below)
 J jet S submersible

PUMP INSTALLED
 DRILLER WILL INSTALL PUMP YES NO
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: 29
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35
 PUMP HORSE POWER 37 41
 PUMP COLUMN LENGTH (nearest ft.) 43 47
 CASING HEIGHT (circle appropriate box and enter casing height)
 + above } LAND SURFACE (nearest foot)
 - below } 2

CIRCLE APPROPRIATE LETTER
 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 40
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)



RECEIVED
HOWARD COUNTY
HEALTH DEPT

MAR 27 4 28 PM '87

DIVISION OF
ENVIRONMENTAL
HEALTH

