

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

INDEXED

DATE SYSTEM APPROVED

INSPECTOR

P 46955

A 38633

DISTRICT 3rd

DATE 04/01/91

RH

Walter King Plumbing and Heating Contractors, Inc. IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 5305 King's Court, Frederick, Maryland 21702 PHONE

SUBDIVISION Willow Highlands LOT 10 ROAD 1752 Willow Springs Drive

PROPERTY OWNER Pulte Homes

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Start the first trench 150 feet off the rear lot line and 160 feet off the left lot line as seen when facing the lot from Willow Springs Drive. Run trenches on contour toward the left lot line.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. O/K 3/6/91 RH

PLANS APPROVED BY Raymond Hodges cm DATE 02/27/91

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, 90° ELBOWS NOT ACCEPTABLE.

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 35/40 PVC OR ABS

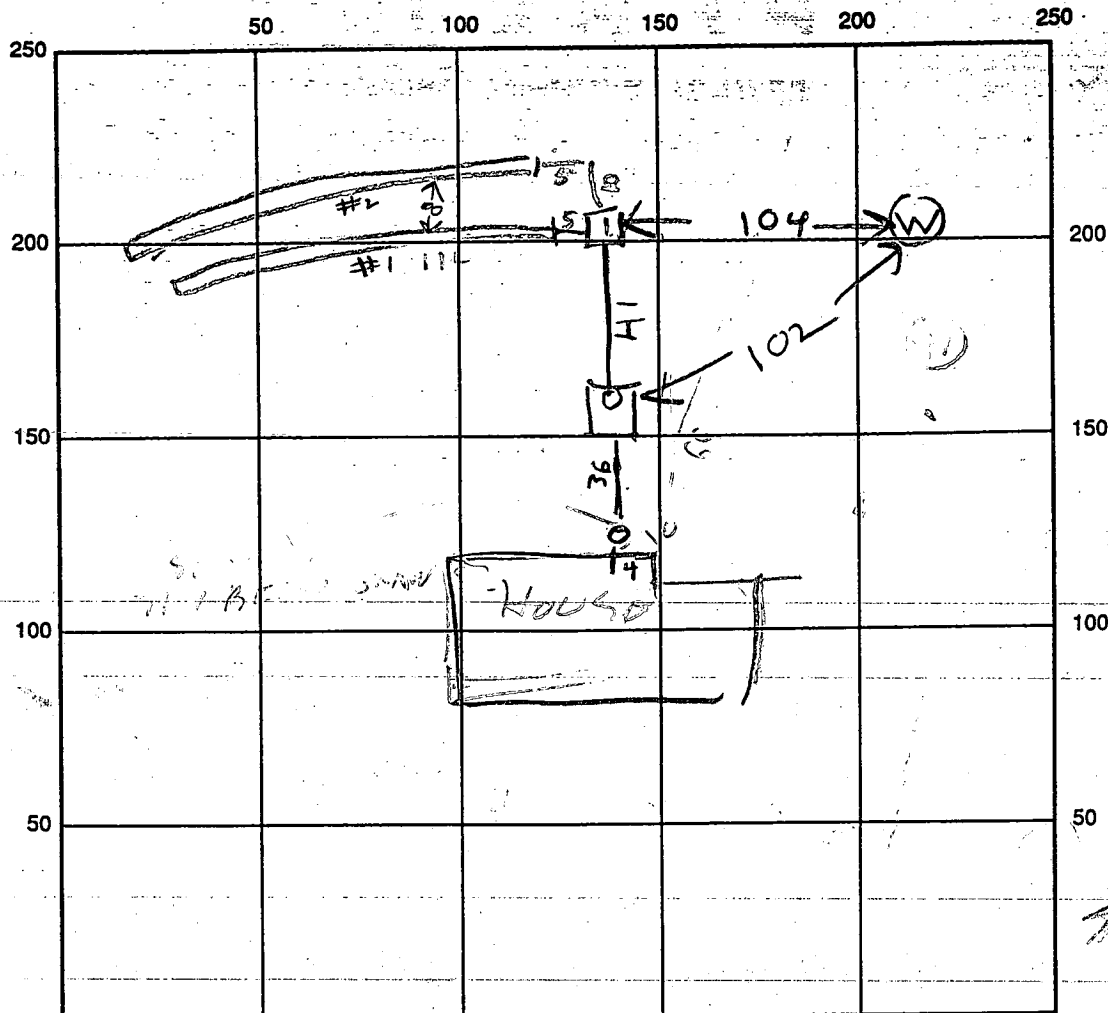
PERMIT VOID AFTER TWO YEARS

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 PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

A 38633



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250

CLEANOUTS OK OK

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 114/130 FT. 244

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 732 SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS: 4/30/91 - OK TO COVER PART OF HOUSE SEWER R/B
5/3/91 TRENCHES OK DECIDED NO BASEMENT
TOILETS WITH GRAVITY FLOW. HOUSE SEWER
DEPTH CHANGED

DATE SYSTEM APPROVED 5/3/91

INSPECTOR Raymond Hodge

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ☒
Replacement ☐

Receipt # 469.54
Date 4/1/91

Name of Installer Walter W. King Plbg. & Htg. Contr

Telephone 310-662-6990

License Number Md. -2217

Certified Well Pump Installer ☐ Well Driller ☐ Registered Plumber ☒

Name of Property Owner Pulte Homes

Telephone 301-921-8707

Subdivision Willow Springs Lot # 10 Well Tag # HO - 88 - 0691

Site Address 1752 Willow Springs Dr
Sykesville, Md. -21784

Pump

1. Type
 - a. Deep well jet ☐
 - b. Shallow well jet ☐
 - c. Submersible ☒
2. Make Goulds
3. Model # 5 ES 07422 =
4. Capacity 5 GPM
5. Pump exceeds well capacity Yes ☐ No ☒
6. If Yes, is low pressure cutoff switch installed? Yes ☐ No ☐
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ☐ Cable guards ☒ Other ☐

Motor

1. Horsepower 3/4
2. RPM 2500
3. Voltage ☐
 - a. 110 ☐
 - b. 220 ☒

Pitless Adapter

1. Make Martinson
2. Model # BP-10K
3. Depth 42" min.
60" max

Tank

1. Capacity 42
2. Pressure relief valve? yes

Piping

1. Type Plastic 160#
2. Size 1"
3. NSF and/or BOCA Code approved ☒
4. Depth of supply line 42" min
60" max

Well data

1. Depth 185 ft.
2. Yield 10 GPM
3. Static water level ft.
4. Will water supply be disinfected by installer? yes

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

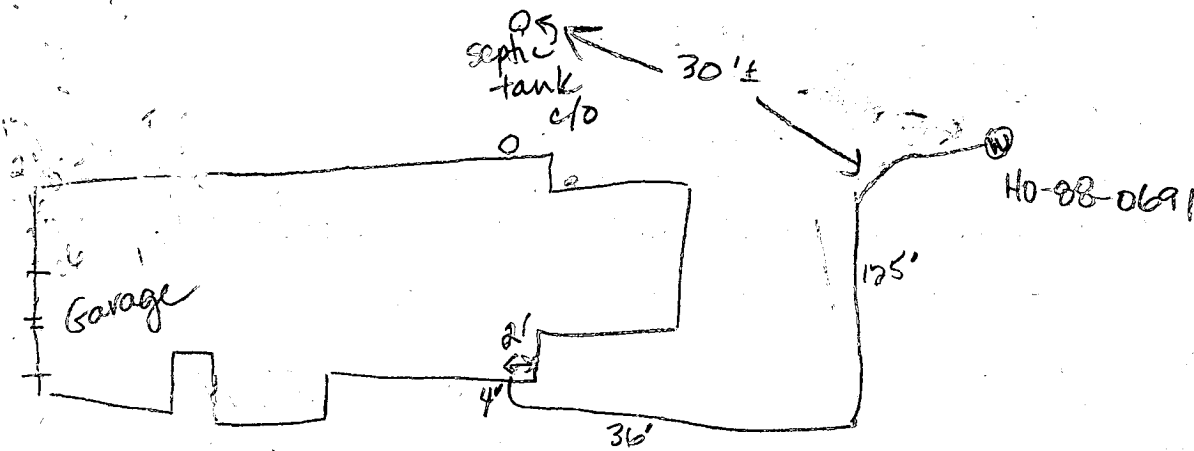
All information given above is true to the best of my knowledge.

Signature of Applicant: Walter W. King

Date: March 22. 91

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

21 APR -1 11:10:30
RECEIVED
HOWARD COUNTY
DEPARTMENT OF
HEALTH



5-9-91
 WPI. Pitless adaptor at 41 inches below
 grade. Well line at 42 inches below
 grade. House connection ok. JENadeau

Willow Springs
 Drive

RECEIVED
 HOWARD COUNTY
 HEALTH DEPT.
 91 APR -1 AM 10:29

APPLICATION

PERCOLATION TESTING

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

A 38633

P _____

DISTRICT 3

DATE 12-16-1986

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 WILLOW SPRINGS LIMITED PARTNERSHIP Paltz Home Corporation
16801 WESLEY CHAPEL ROAD
ADDRESS MONKTON, MARYLAND 21111 PHONE 921-8787
347-8700

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION WILLOW ^{Highlands} SPRINGS GOLF COURSE LOT NO. 10

ROAD AND DESCRIPTION N/S U.S. RTE 70 N AT LIVE STOCK ROAD
1752 Willow Springs Drive

TAX MAP 9 & 15 PARCEL # 151 & 11

SIZE OF LOT 3.0 Ac.± TYPE BLDG. S.F.D.
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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

FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY

WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. WILLOW SPRINGS INC Gen Partner
By Thomas C. [Signature]
(SIGNATURE OF APPLICANT) Bus

APPROVED BY [Signature] FOR Standard [Signature] DATE 6-2-89

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 4-14-87 Perc Satisfactory - Hold For Subdivision [Signature] S. [Signature]

BLDG. PERMIT SIGNED
AND RETURNED 3/1/91
BP 36114 - SFD

THIS IS NOT A PERMIT

APPLICATION

HOWARD COUNTY

PERMIT APPLICATION

DEPARTMENT OF PUBLIC WORKS

BUREAU OF INSPECTIONS LICENSES & PERMITS

3430 COURT HOUSE DRIVE, ELICOTT CITY, MARYLAND 21043

SERIAL NUMBER

36114

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)

1792 WILLOW SPRINGS DRIVE
SYKESVILLE, MD. 21784GRADING/SEDIMENT CONTROL ☐ YES ☐ NO

DESCRIPTION OF WORK AUTHORIZED

BUILDING A NEW
SINGLE FAMILY ^{AND OPTIONAL} ~~SMALL~~
DWELLING - 2 STORY WITH
FULL BASEMENT WITH ATTACHED 2 CAR GAR

LOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER	FOLIO
10				27		

SUB DIVISION	HIGHLANDS	ZONE	ZONE MAP	ELEC. DIST.	CENSUS TR.
WILLOW SPRINGS		R	1	3	

OWNER'S NAME AND ADDRESS
PULTE HOME CORPORATION
444 N. FREDERICK AVE.
GAITHERSBURG, MD 20877

PHONE NO.
(301) 921-8707

OCCUPANT'S NAME AND ADDRESS

ARCHITECT OR ENGINEER'S NAME AND ADDRESS
SHANABERGER & LANE
8726 TOWN + COUNTRY BLVD
ELICOTT CITY, MD 21043

PHONE NO.
(301) 461-9563

CONTRACTOR'S NAME AND ADDRESS

SAME AS OWNER

EXISTING USE

VACANT LOT

PROPOSED USE

S.F.D.

EST. CONSTRUCTION COST	LICENSE NUMBER	PERMIT FEE
220,000		

W/S CODE

FOR OFFICE USE ONLY

DISTANCE IN FEET FROM R/W LINE TO FRONT BUILDING LINE

SIDE YARD

(DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE)

DISTANCE IN FEET FROM SIDE STREET R/W LINE

TO SIDE BUILDING LINE

DISTANCE IN FEET, REAR YD. REQUIRING SET

BACK (CORNER LOT ONLY)

CONDITIONS (IF ANY)

SDP #

Checks payable to DIRECTOR OF FINANCE OF HOWARD COUNTY

CAUTION

To begin construction before a permit placard has been issued and displayed on the job is a violation of the law.
Use and occupancy permit must be applied for two weeks before it will be issued.

IMPORTANT: PLEASE SHOW ZIP CODES AND
AREA CODES WHEREVER REQUIRED.

LP-69
Revised

UTILITIES
WATER/WELL/SEWER/SEPTIC GAS ☒ ELECTRICITY ☒ TYPE OF HEAT ☒ AC

I have carefully examined and read this application and know the same is true and correct, and that in doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Bureau of Inspections, and Permit twenty-four hours in advance when I am ready for the inspections called for elsewhere in this application; and that no work will be covered up until such inspections have been completed.

Signature: Charles T. Turner
TITLE: CONTRACTOR
DATE: 12/27

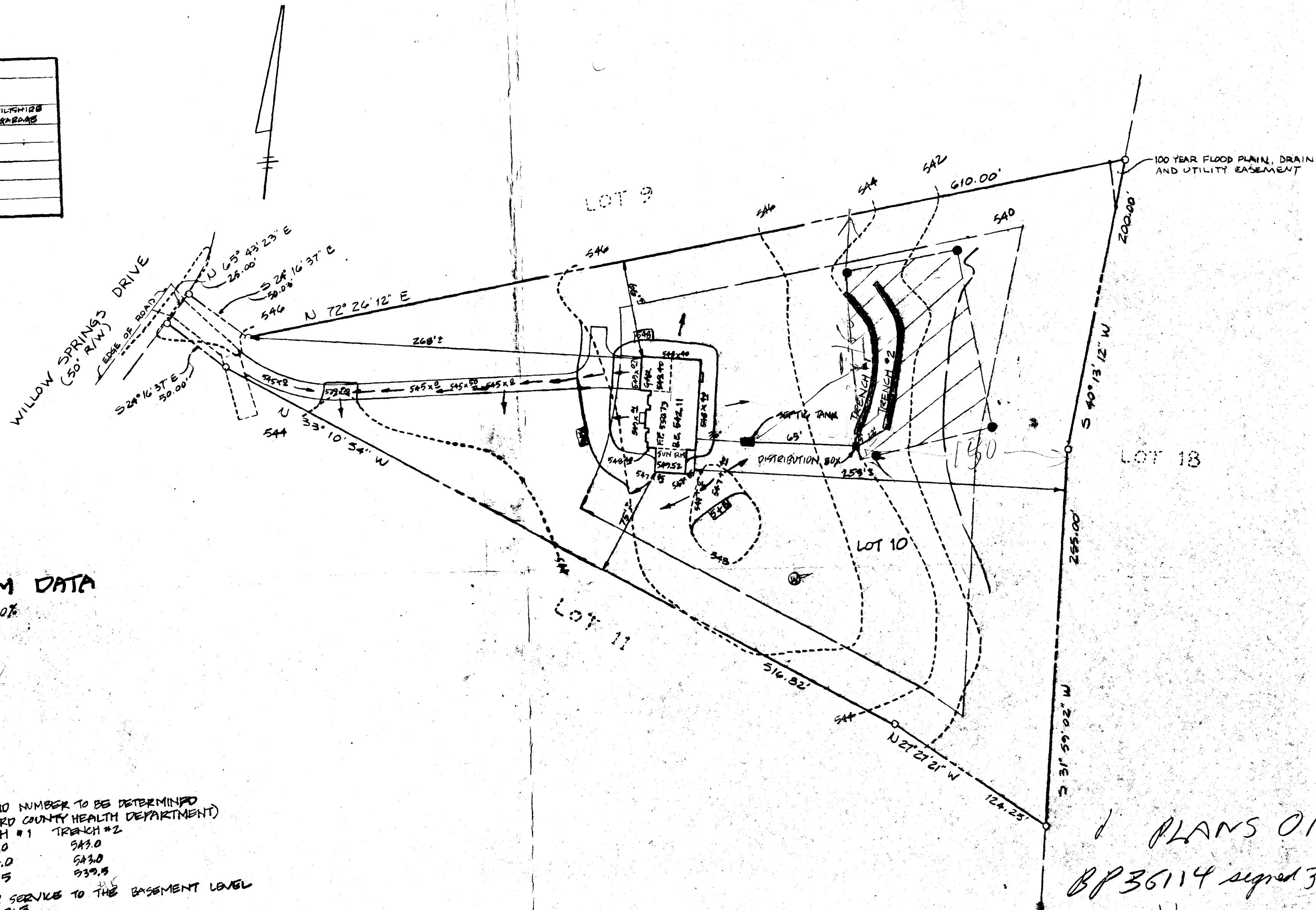
FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING		
SHA		
SEDIMENT/GRADING		
BUILDING OFFICIAL		
WATER & SEWER		
HEALTH DEPT.	3/1/91	Campbell
FIRE PROTECTION		
STORM WATER MGMT.		

APPROVED

DATE

Distribution of Copies:
White - Building Official
Green - Planning & Zoning

Yellow - Engineering
Pink - Health Dept.
Gold - S.H.A.

[illegible]

SEPTIC SYSTEM DATA

INV. @ HOUSE 5448 @ 1.0%

SEPTIC TANK

EX. GRADE	547.2
FIN. GRADE	547.5
INV. IN	544.5
INV. OUT	544.2

DISTRIBUTION BOX

EX. GRADE	544.0
FIN. GRADE	544.0
IN	540.55
OUT	540.554

TRENCHES

(LENGTH AND NUMBER TO BE DETERMINED
BY HOWARD COUNTY HEALTH DEPARTMENT)
TRENCH #1 TRENCH #2

	TRENCH #1	TRENCH #2
EX. GRADE	544.0	543.0
FIN. GRADE	544.0	543.0
INV IN	540.5	539.5

NOTE: GRAVITY POWER SERVICE TO THE BASEMENT LEVEL IS NOT AVAILABLE.

SHANABERGER & LANE
9726 TOWN & COUNTRY BLVD.
SUITE 107
LLICOTT CITY, MD. 21043
301) 461-9563

OWNER: PULTE HOME CORPORATION
9059 GAITHER ROAD
GAITHERSBURG, MARYLAND 20877
(301) 924-9701

PLANS 01
BP 36114 signed 3
140 88 06 9
SITE PLAN
LOT 10
WILLOW HIGHLAND
WILLOW SPRINGS GOLF COURSE
PLAT # 7920
3RD ELECTION DISTRICT
HOWARD COUNTY, MD.
SCALE: 1" = 50'
DATE: 6/16/89
FORMERLY WILLOW S.

C1 9465 SEQUENCE NO. (OEP USE ONLY)

1 2 3 6
(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 TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER A-38633

DATE Received

8				13	

DATE WELL COMPLETED

061289

Depth of Well

22 185 26
(TO NEAREST FOOT)

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

H0-88-0691

OWNER

Willow Springs Limited

STREET OR RFD

last name 16801 Westley CHRD first name

TOWN Markton MD

SUBDIVISION

Willow Highlands

SECTION

LOT 10

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)FEET
FROM TOCheck
if water
bearing

Top Soil 0 2

Sandy 2 35

Sand Stone 35 50

MICKA 50 75

Sand Stone 75 80

MICKA 80 185

GROUTING RECORD

WELL HAS BEEN GROUTED

(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT CM

BENTONITE CLAY BC

NO. OF BAGS 12 NO. OF POUNDS 1200

GALLONS OF WATER 22

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 34 ft.
(enter 0 if from surface)casing
types
insert
appropriate
code
below

CASING RECORD

ST CO
STEEL CONCRETE
PL OT
PLASTIC OTHERMAIN Nominal diameter Total depth
CASING top (main) casing of main casing
TYPE (nearest inch) (nearest foot)

PL 6 48

EACH
CASING

OTHER CASING (if used)

diameter depth (feet)
inch from to

screen type
or open hole

SCREEN RECORD

insert
appropriate
code
belowST BR HO
STEEL BRASS OPEN
BRONZE HOLE
PL OT
PLASTIC OTHER

C2

EACH
SCREEN

DEPTH (nearest ft.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	0	4	6																	
2																				
3																				

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

from to

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

TELESCOPE

LOG

OTHER DATA

CASING

INDICATOR

C3

1 2

PUMPING TEST

HOURS PUMPED (nearest hour)

PUMPING RATE (gal. per min.
to nearest gal.)

METHOD USED TO

MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)

BEFORE PUMPING

WHEN PUMPING

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

(CIRCLE) (YES or 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:

CAPACITY:

GALLONS PER MINUTE

(to nearest gallon)

PUMP HORSE POWER

PUMP COLUMN LENGTH

(nearest ft.)

CASING HEIGHT (circle appropriate box

and enter casing height)

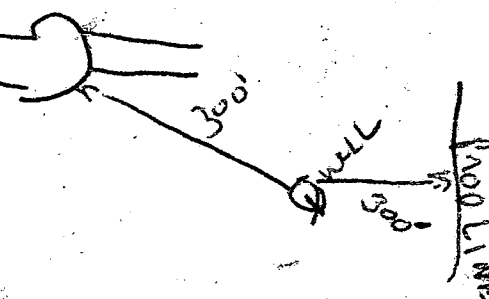
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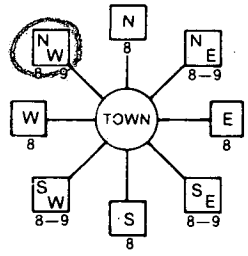
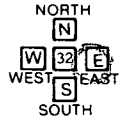
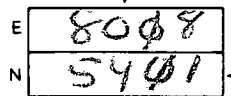
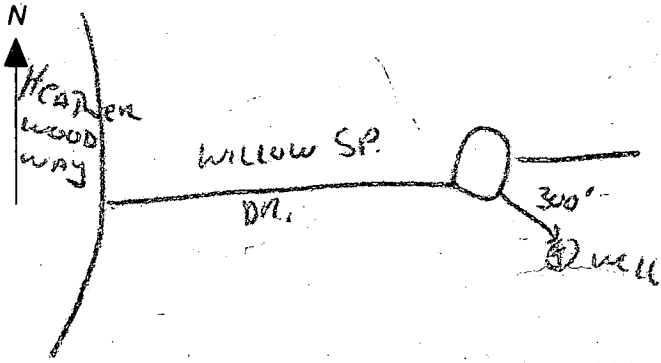
- below

LAND SURFACE

(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)

B 1 7956 <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>	SEQUENCE NO. (DP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER 40-88-0691 <small>fill in this form completely</small>
Date Received (APA) 05/10/89 OWNER INFORMATION 15 Last Name WILLOW 34 Owner SP LIMITED 36 Street or RFD 16801 WESTLEY CH RD 55 57 Town MONKTON 70 State 72 MD 74 Zip 21111 76		B 3 LOCATION OF WELL 8 COUNTY HOWARD 21 23 SUBDIVISION WILLOW HIGHLANDS 42 SECTION 1 44 LOT 10 50 52 NEAREST TOWN WEST FRIENDSHIP 71 MILES FROM TOWN (enter 0 if in town) 1 73 MI 76 77 78	
DRILLER INFORMATION Driller's Name Ralph Mayne 77 License No. 80 923 Firm Name Ralph Mayne Well Drilling Address 9120 Brown Church Rd. Mt Airy Signature Ralph Mayne 5/1/89 Date		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  NEAR WHAT ROAD WILLOW SP. DR. 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  34 300 37 DISTANCE FROM ROAD ENTER FT or MI FT 38/39	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20		USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="radio"/> F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="radio"/> I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="radio"/> P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="radio"/> T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)	
APPROXIMATE DEPTH OF WELL 150 24 28 FEET APPROXIMATE DIAMETER OF WELL 6" 30 32 INCH		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME Howard COUNTY NO. A 38633 STATE SIGNATURE _____ INSERT S _____ 41 DATE ISSUED 060289 43 CO SIGNATURE Sedley Celis 48 EXP. DATE 12-01-89 52 NORTH GRID 541000 50 55 EAST GRID 0808000 57 63	
METHOD OF DRILLING (circle one) BORED (or Augered) <u>AIR-ROTARY</u> 30-37 <u>AIR-PERCussion</u> 37 <u>ROTARY</u> (Hydraulic Rotary) <u>JETTED</u> <u>Jettied & DRIVEN</u> <u>CABLE</u> <u>REverse-ROTary</u> <u>Drive-POINT</u> other _____		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well 2. _____ 3. _____ WRITE THE BOX NUMBER FROM THE MAP HERE  000 000	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> N THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="radio"/> Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input type="radio"/> S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="radio"/> D THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 05 52		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
Not to be filled in by driller (OEP USE ONLY)			
APPROP. PERMIT NUMBER _____ 54 G A P 63			
FORCE 5A 67 68 WRITE INITIALS IN BOX PERMIT NO. 40-88-0691 70 71 72 73 74 75 76 77 78 79			
SPECIAL CONDITIONS			

189

6/12/89

- ① 48 FT pipe
- ② 34 1/2 FT open hole
- ③ 12 bags
- ④ Location 012

B. H. H. H.

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
JUN 10 12 05 PM '89
DIVISION OF
ENVIRONMENTAL
HEALTH

Fredericktowne Labs, Inc.
P.O. Box 244 — Main Street
Myersville, MD 21773

Phone 694-71:
293-33.

CERTIFICATE OF ANALYSIS

Acct. No. 1428

FIELD RECORD

Sample Source: Lot #10
Willow Springs Development
Sykesville, Md.
Date: 7/8/91
Time: 2:15 pm
Iced ☒ _{yes}
pH: 6.0
Res. Cl: 0

Well No. _____
County Howard

The above field information was supplied by:

Krusty Stone
Affiliation Culligan

This individual ☒ is a state certified water collector. State No.: 89-458

LABORATORY RECORD

Received: 7/8/91 3:00 pm Examined: 7/9/91 8:00 am
Presumptive Bacteriological Test Confirmed Bacteriological Test:

ml. of Sample	20ml.
Gas. 24 hours	- - - -
Gas. 48 hours	- - - -

ml. of Sample	20ml.
Coliforms	
Fecal Coliforms	

Coliforms/100 ml.		N ₂ (NO ₃) (mg/l)	Turbidity (NTU)	Lead (mg/l)		
Total	Fecal					
<1.1	<1.1	3.9	22			

Bacteriological analysis of this sample indicates the water is
☒ safe ☐ unsafe for human consumption.

[Signature]
Analyst

7/11/91
Date

Well Permit No. HO - 88-0691
Location of property (road) Willow Springs Dr
Subdivision Willow Highlands Lot 10 Block Plat Sec.
Well Driller R. Mize Owner Willow Spg. Ltd P.B.P.

I. High rate pumping -- reservoir drawdown

Time pump started 8:45 Pumping rate 10 GPM
Total time 15 min to reach pumping water level 22 ft. below M.P.

[illegible]