C 1 7009 SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	FILL IN THIS FORM COMPLETELY PLEASE TYPE	COUNTY (3) A518599
ST/CO USE ONLY DATE Received  MM. DD.	ETED Depth of Well 22 7 7 28 5/2	PERMIT NO.  FROM "PERMIT TO DRILL WELL"
MM DD YY 8 13 15	(TO NEAREST FOOT) O.K.	28 29 30 31 32 33 34 35 36 37
OWNER Peddicord	Manor Driver TOWN El	Hight City
STREET OR RFD Sheppard M	anor Drive Town Li	LOT _//
WELL LOG  Not required for driven wells	GROUTING RECORD YES NO WELL HAS BEEN GROUTED Y	C 3
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING	WELL HAS BEEN GROUTED (Circle Appropriate Box)  TYPE OF GROUTING MATERIAL (Circle one)	PUMPING TEST HOURS PUMPED (nearest hour)
DESCRIPTION (Use additional sheets if needed)  DESCRIPTION (Use FEET if water bearing the first sheet in the first sheet sheet in the first sheet she	CEMENT CIM BENTONITE CLAY BC	8 9
Brown 0 50	NO. OF BAGS 48/7 NO. OF POUNDS 49/28 GALLONS OF WATER 72	PUMPING RATE (gal. per min.)  11 15  METHOD USED TO
Shale	from 48 TOP 52 ft. to 54 BOTTOM 58 ft.	MEASURE PUMPING RATE
	(enter 0 if from surface)	WATER LEVEL (distance from land surface)  BEFORE PUMPING  17  20  ft.
Gray 50 275V	casing types insert ST CO	75
Limestone	appropriate STEEL CONCRETE	WHEN PUMPING 22 25 ft.
	below PEASTIC OTHER	TYPE OF PUMP USED (for test)  A air  P piston  T turbine
	MÅIN Nominal diameter Total depth CASING top (main) casing of main casing TYPE (nearest inch)! (nearest foot)	27 27 27 other
	PL 06 55	C centrifugal R rotary (describe below)
	60 61 63 64 66 70 E OTHER CASING (if used)	J jet Submersible
	A diameter depth (feet) H inch from to	PUMP INSTALLED
	CA S	DRILLER INSTALLED PUMP YES (CIRCLE) (YES or NO)
	ß — — — — —	IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.
	screen type SCREEN RECORD	TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) 29
	insert STEEL BRASS OPEN	IN BOX 29.  CAPACITY:
	code below PL OT	GALLONS PER MINUTE (to nearest gallon) 31 35
	PLASTIC OTHER	PUMP HORSE POWER 37 41
NUMBER OF UNSUCCESSFUL WELLS:	C 2 DEPTH (nearest ft.)	PUMP COLUMN LENGTH (nearest ft.)
WELL HYDROFRACTURED Yes NO N	E A 8 9 11 15 17 21	CASING HEIGHT (circle appropriate box and enter casing height)
CIRCLE APPROPRIATE LETTER	C 2 1 26 30 32 36	above LAND SURFACE
A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED  ELECTRIC LOG OBTAINED	S C 3 R 38 39 41 45 47 51	below (nearest)
P TEST WELL CONVERTED TO PRODUCTION WELL	E SLOT SIZE 1 2 3	A LOCATION OF WELL ON LOT
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.0.4. "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE	N DIAMETER (NEAREST OF SCREEN INCH)	T SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS
CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.	56 60 from to	THAN TWO DISTANCES  (MEASUREMENTS TO WELL)
DRILLERS LIC. NO. M & D 009	GRAVEL PACK	A 75 70
DRILLERS SIGNATURE	IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 68	K 50'
(MUST MATCH SIGNATURE ON APPLICATION)	MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)	` A
LIC. NO.1	T (E.R.O.S.) W Q	•
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	70 72 TELESCOPE LOG 74 75 76	
responsible for sitework if different from permittee)	CASING INDICATOR OTHER DATA	

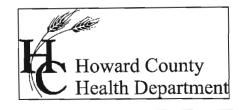
Date Received (APA)  Date Received (APA)  Date Received (APA)  Date Received (APA)  Double	SEQUENCE NO.	STATE OF	MARYLAND		STATE PERMIT NUMBER
Date Received (APA)  B us 10 v 13  OWNER INFORMATION  Siered of 1670  Siered o				11.	1-0F-0722
Date Received (APA)  5 Use 10 11 13 OWNER INFORMATION  6 W 10 17 13 OWNER INFORMATION  6 OWNER INFORMATION  7 OW	1 2 3	place		70	0-75-0/33
B W 10 Y 13  15 LIAN NAME  DAME  PERS NAME  DAME  PERS NAME  DAME  PERS NAME  DAME  PERS NAME  DAME  D		526205	A CONTRACTOR OF THE PARTY OF TH		
B W SO Y 13  Special Comment of the Name State of The Sta		PMATION	B 3	LOCATION	OF WELL
SIGNATURE DEPARTMENT APPROVAL  APPROXIMATE DIAMETER OF WELL  APPROXIMATER  APPROXIMATE DIAMETER OF WELL  APPROXIMATER  APPROXIMATE DIAMETER OF WELL  APPROXIMATER  APPROXIMA		TIVIATION	8 COUNTY	40	21
Signature of Pio State 72 2p 76  DRILLER INFORMATION  ME LORGEN NO 61  Firm Name  Dilitar's Name  To Lorgen No 61  Firm Name  To State 72 2p 76  Dilitar's Name  To Lorgen No 61  Firm Name  To Mill Firm	15 Last Name Owner	First Name 34	She courd	Ma	nor 42
DRILLER INFORMATION  DRILLER INFORMATION  DIMES Name  To Losins No. 81  Firm Name  To Losins No. 81  Firm Name  To Losins No. 81  Dimes Name Well information  Date  Date Firm Name  To Losins No. 81  Distance From Young Gener 0 it in lown)  Distance From Young Gener 0 it in lown)  To No. 81  Distance From Young Gener 0 it in lown)  Distance From Young Gener 0 it in lown)  Distance From Young General Report No. 81  Distance From Young Gener 0 it in lown)  Distance From Young Gener On Newford Now Young Gener 1 it is not young General Proposed Collection on Newford In Journal Proposed Collection On Newford In Journ	5485 Harpers Fax	m Rd			150
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DOILIUS Namo  To Locanse No. 81  Firm Name  Laddoress No. 191  Permit Name  Domes Tick Promytion  Addoress No. 191  Permit Name  Domes Tick Promytion  Addoress No. 191  Permit No. 191  Permi	The second secon	72 Zip 76		of in town)	5
PITTIN Name  Address State    B 2 WELL INFORMATION   B 3	Driller's Name 7	MS D009 6 License No. 81		r o ii iii towii)	
Additions    Additions	Fogles Well Drilly	ng	DIRECTION OF WELL FROM	Shep	pard base Mano
Signature  B 2 WELL IMPORMATION APPROX PUMPING RATE (GAL PER MIN)  1 2 SEPOR WATER (CIRCLE APPROPRIATE BOX)  CID COMESTIC POTABLE SUPPLY & RESIDENTIAL  INDUSTRIAL COMMERCICIAL DEWATERING P PUBLIC WATER SUPPLY WELL  T TEST, OBSERVATION, MONITORING G GEO-THERMAL  APPROXIMATE DEPTH OF WELL  AP	580 objects + Rd	· ·	N	ON WHI	CH SIDE OF ROAD NORTH
Signature  WELL INFORMATION  APPROX. PUMPING RATE  GAL FER MIN)  AVERAGE DAILY CALL FOR MIN B 12  BO COUNTY NAME  COUNTY NAME  STATE  DATE ISSUED  APPROXIMATE DEPTH OF WELL  APPROXIMATE DEPTH OF WELL  APPROXIMATE DEPTH OF WELL  APPROXIMATE DEPTH OF WELL  APPROXIMATE DIAMETER OF WELL  BORED (or Augeroe)  JETTED  Jetted & DRIVEN  BORED (or Augeroe)  JETTED  JETTED	Address Allh	5 1-23-97	8-9 8-9	(CIRCLE	APPROPRIATE BOX)
AVERAGE DALLY QUANTITY NEEDED  (ALL PER DAY)  DESCRIPTION WATER (CIRCLE APPROPRIATE BOX)  USE FOR WATER RESIDENTIAL REGIGATION  DOMESTIC POTABLE SUPPLY & RESIDENTIAL REGIGATION  F. FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION  IRRIGATION  T. TEST, OBSERVATION, MONITORING  P. PUBLIC WATER SUPPLY WELL  T. TEST, OBSERVATION, MONITORING  APPROXIMATE DEPTH OF WELL  24  28  APPROXIMATE DEPTH OF WELL  24  27  APPROXIMATE DIAMETER OF WELL  METHOD OF DRILLING (circle one)  BORED (or Augered)  JETTED  METHOD OF DRILLING (circle one)  BORED (or Augered)  JETTED  METHOD OF DRILLING (circle one)  BORED (or Augered)  JETTED  METHOD OF DRILLING (circle one)  BORED (or Augered)  JETTED  AIR-PERCUSSION  AIR-PERCUSSION  ROTATY (Hydraulic Roday)  This WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  DITHIS WELL WILL DEFENDED WELLS  (CIRCLE APPROPRIATE BOX)  THIS WELL WILL REPLACE AN EXISTING WELL  THIS WELL WILL REPLACE A WELL THAT WILL BE DEARN THOUGHT OF DEEPENED WELL  PERMIT NUMBER OF WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  DITHIS WELL WILL DEFEN AN EXISTING WELL  PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED  (IF AVAILABLE)  APPROP PERMIT NUMBER OF WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  DETAIL TO BE REPLACED OR DEEPENED  MORE OF THE STANDBY WELLS  DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  APPROP PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED  (IF AVAILABLE)  APPROPRIED  DETAIL TO MAIN AS THE HEALTH APPROVAL  APPROP PERMIT NUMBER OF WELL THAT WILL BE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  APPROP PERMIT NUMBER OF WELL THAT WILL BE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  APPROP PERMIT NUMBER OF WELL THAT WILL BE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  APPROPRIED  APPROPRIED  TAX MAP DE JUNCTICAL  A TO	B 2 WELL INFORMATION		W TOWN E		34 / 00 37 SOUTH
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D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION  F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  22 I INDUSTRIAL COMMERICIAL, DEWATERING P PUBLIC WATER SUPPLY WELL T TEST, OBSERVATION, MONITORING G GEO-THERMAL  APPROXIMATE DEPTH OF WELL 24 28  APPROXIMATE DEPTH OF WELL 24 28  APPROXIMATE DIAMETER OF WELL METHOD OF DRILLING (circle one) J SITTED J SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  SOURCES OF DRILLING WATER  METHOD OF DRILLING (circle one) J SHOW POINT OTHER  METHOD OF DRILLING (circle one) J SHOW POINT OTHER  METHOD OF DRILLING (circle one) J SHOW POINT OTHER  METHOD OF DRILLING (circle one) J SHOW POINT OTHER  METHOD OF DRILLING (circle one) J SHOW POINT OTHER  METHOD OF DRILLING (circle one) J SHOW POINT OTHER  METHOD OF DRILLING (circle one) J SHOW POINT OTHER  METHOD OF DRILLING (circle one) J SHOW POINT OTHER  METHOD OF DRILLING (circle one) J SHOW POINT OTHER  METHOD OF DRILLING CIRCLE APPROPRIATE BOX)  WRITE THE BOX NUMBER FROM THE MAP HERE  E SI 9  000 000  N SHOW POINT OTHER  METHOD OF DRILLING (CIRCLE ONE) SOURCES OF DRILLING WATER  1.2  3. J SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  SOURCES OF DRILLING WATER  1.2  3. J SHOW MAJOR FEATURES OF BOX & LOCATE WELL  WITH AN X  SOURCES OF DRILLING WATER  1.2  3. J SHOW MAJOR FEATURES OF BOX & LOCATE WELL  METHOD OF DRILLING OTHER  METHOD OF DRILLING CIRCLE APPROPRIATE BOX  WRITE THE BOX NUMBER FROM THE MAP HERE  E SI 9  000 000  N SHOW POINT OTHER  METHOD OF DRILLING WATER  1.2  3. J SHOW MAJOR FEATURES OF BOX & LOCATE WELL  METHOD OF DRILLING OTHER  METHOD O	(GAL. PER DAY) 14		8		
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I INDUSTRIAL, COMMERICIAL, DEWATERING P PUBLIC WATER SUPPLY WELL T TEST, OBSERVATION, MONITORING G GEO-THERMAL  APPROXIMATE DEPTH OF WELL 24 28 FEET  APPROXIMATE DEPTH OF WELL 24 28 FEET  APPROXIMATE DIAMETER OF WELL  METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN ONE POINT Other  REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX) DIS WELL WILL NOT REPLACE AN EXISTING WELL WITHIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS (IF AVAILABLE)  Not to be filled in by driller (MDE OR COUNTY USE ONLY)  APPROP. PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE)  Not to be filled in by driller (MDE OR COUNTY USE ONLY)  APPROP. PERMIT NUMBER  T TEST, OBSERVATION, MONITORING GRID THE MAD WAS CO SIGNATURE EXP. DATE BOX A LOCATE WELL  SOURCES OF DRILLING WATER 1. 2. 3. SHOW MAJOR FEATURES OF BOX & LOCATE WELL  WITH THE BOX NUMBER FROM THE MAP HERE  E SUPPLICATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEARBY TOWNS AND ROADS AND GIVE DISTA	IRRIGATION				INSERT S
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APPROXIMATE DEPTH OF WELL  APPROXIMATE DEPTH OF WELL  APPROXIMATE DIAMETER OF WELL  APPROXIMATE	P PUBLIC WATER SUPPLY WELL		2/28/2007 4	ruan	Baper 2/28/2008
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APPROXIMATE DIAMETER OF WELL  METHOD OF DRILLING (circle one)  BORED (or Augered)  JETTED  Jetted & DRIVEN  30 AIR-ROTary  AIR-PErcussion  ROTARY (Hydraulic Rotary)  This well will replace a Well that will be abandoned and sealed  This well will replace a well that will be as a standbry-contact local approving authority for Policy on Standbry wells  This well will replace a well that will be used as standbry-contact local approving authority for Policy on Standbry wells  Not to be filled in by driller (MDE OR COUNTY USE ONLY)  APPROP. PERMIT NUMBER  APPROP. PERMIT NUMBER  APPROP PERMIT N	APPROXIMATE DEPTH OF WELL 300		BOX & LOCATE WELL '	OF	
METHOD OF DRILLING (circle one)  BORED (or Augered) JETTED Jetted & DRIVEN  30 AIR-ROTan) AIR-PERcussion ROTARY (Hydraulic Rotary)  TCABLE REVerse-ROTary DRIVEN-POINT other  REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX)  THIS WELL WILL NOT REPLACE AN EXISTING WELL  THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  D THIS WELL WILL DEEPEN AN EXISTING WELL  PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE) 41 52  Not to be filled in by driller (MDE OR COUNTY USE ONLY)  APPROP. PERMIT NUMBER  PERMIT NO. 40 - 95 - 0733  70 71 72 73 74 75 76 77 78 79	1851 (1874) A 1875 (1874)	NEAREST	SOURCES OF DRILLING V	VATER	3/3/68
AIR-PERcussion ROTARY (Hydraulic Rotary)  REVerse-ROTary DRive-POINT Other  REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX)  THIS WELL WILL NOT REPLACE AN EXISTING WELL VILL REPLACE A WELL THAT WILL BE ASANDONED AND SEALED  STHIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE) 41	(1) 大型建筑(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		2.		, ,
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PERMIT No. 40-95-0733	APPROP. PERMIT NUMBER #020	05G00Z	Sher	ppard	onew,
	PERMIT No. HO	-95-0733	3		W. T.
SPECIAL CONDITIONS, TEGIT IN LEAST WAS COLOUR OF A PRODUCTION OF THE SPECIAL PRODUCTION OF THE S		t. Must Collect	Water Sample	During	Yield Test

Page of Date			Review _	
		FIELD DATA S		
Location of pro- Subdivision Well Driller Depth of Distance Static w  I. High rate Time pump Total time	well 279 e of measuring powater level (S.W. pumping reserve started 15 me 15 M(D. to	Sheppard Manor Lot Owner ogles Owner	Pumping rate // // // // // // // // // // // // //	pelow M.P.
TIME (in 15	WATER LEVEL	PUMPING RATE time to fill \$11 gallon bucket	recorded every 15 minut FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
1:30	66	4		15
1:45	75	10	1	10
2:00	75	6		10
2:15	75	6		10
2:30	75	6		10
2:45	75	6		10
3:00	75	6		10
3:15	75	6		10
3:30	75	6		10
3:45	75 75 75	le		10
4:00	75	6		10
4:15	75	6		10
4:30	75	6		10
4:45	75	Ce		10

## HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH WATER AND SEWERAGE PROGRAM TEL: (410)313-2640 FAX: (410)313-2648

# Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible f	or requesting an inspection or	or to 9 am on the day of the desired
inspection. No work is to be covered un	di approved by the Hegith Dep	artment. All installations must comply
with the National Standard Plumbing	Code (NSPC, as amended loss	IIV) and COMAR 26 04 04 (MD SV-II
Construction Regulations). Submission	of a complete form is required	Brigs to Use and Occupancy appears
		THE TAX AND THE PROPERTY AND TOWN
Company Name: Toales Well	Dilling Telephone #: _	442-60-4195
Address: Lacio3 WCC	Abor Ph	1-
Localoine,	WA 21397	
- <del></del>	11031.117	•
(Must circle one) Licensed Plumber (	Licensed Well Driller Li	censed Well Pump Installer
License # and name of individual responsi		colded wear amp instance
Name (Print): Allen Compto		License#_MSQOO9
*A licensed individual must perform the	actual installation. Apprenti	ces must be under the direct
supervision of a licensed journeyman or	master niumber, nume install	er or wall driller. I leansed may be
subjected to field verification.	master prantact, pump matan	et of well dider. Dicames hisy be
	23	
Name of Property Owner: Willyamsh		
Subdivision: Shepperd manch	Lot #:	Well Tag#: HO - 95- 6733
Site Address: 41038 Shappoord		•
Ellicott city and		
	Pitless Adapter We	I Cap and Electric Conduit
Make: Councilos		vo piece watertight cap: 425,
		reened, vented well cap: 4.25
		p secured to casing: 425
		oduit min 18" B.O.: 4e5
Depth of well encountered at time of pump		nduit secured to well cap: 485
If pump capacity exceeds well yield, a low		by NSPC 1990 Section 17.8.4
Torque arrestors or Cable guards are requir	ed ~ Must circle one	•
Safety rope, if used, attached to inside of	well casing with eye bolt wik.	
	-	
Piping to house	Hause Connection	
Type: 1" Clack, Plastic.	PVC sleeved to undisturbed so	oil at wall penetration: 425
PSI: 160 (160 psi min)	Approximate length of sleeve	(5 foot minimum): 5'
		- <del>- 10</del>
Depth of supply line: 42 (36" min)	Sleeve caulked and sealed pro-	perly; <u>UCS</u>
The water supply line is required to be a		
distribution box, drainfields, and sewage	reserve area. If this cannot b	e accomplished, contact this office for
approval prior to installation.		_
6.110.		mlules
CULLA COMOTON	·	7/14/08
Signature of company representative respo	nsible for installation date	e ,
		<u> </u>
For Health Departs	ment Use Only - Not to be com	pleted by Installer
		11.1.2 / /
Data Ivan Danisatadi		
Date inso, Reducated:	Date Insp. Approve	ed: 6/12/08 FV
Date Insp. Requested:  Inspection Data: Pitless adapter and water	Date Insp. Approve	ed: 6/12/08 FV
Inspection Data: Pitless adapter and water	supply line at least 36" below g	ed: 6/12/08 FW
Inspection Data: Pitless adapter and water Two piece cap installed	supply line at least 36" below gond attached to casing securely	rade
Inspection Data: Pitless adapter and water Two piece cap installed a Elec. conduit extends at	supply line at least 36" below grand attached to casing securely east 18" below grade/attached to	rade
Inspection Data: Pitless adapter and water Two piece cap installed a Elec. conduit extends at a Safety rope installed insi	supply line at least 36" below grand attached to casing securely east 18" below grade/attached to de of well casing	cap properly
Inspection Data: Pitless adapter and water Two piece cap installed a Elec. conduit extends at a Safety rope installed insi Correct well tag attached	supply line at least 36" below grand attached to casing securely east 18" below grade/attached to	rade  cap properly  nished grade



### Bureau of Environmental Health

7178 Columbia Gateway Drive Columbia, Maryland 21046-2132 (410) 313-2640 Fax (410) 313-2648

TDD (410) 313-2323 Toll Free 1-866-313-6300

website: www.hchealth.org

### Peter L. Beilenson, M.D., M.P.H., Health Officer

September 22, 2008

Williamsburg Group LLC 5485 Harpers Farm Road, #200 Columbia, MD 21044

#### FAX SENT VIA FACSIMILE 410-997-4358

RE: Sheppard Manor, Lot 11

4638 Sheppard Manor Drive

Ellicott City, MD 21042

BP# B07003570

Well Tag #: HO-95-0733

Dear Sir:

This is to advise you that the septic system for the above referenced property has been installed and inspected. Final approval of the septic system was granted on 07/15/2008. Final approval of the well line connection to the dwelling was approved on 06/12/2008.

The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. The water sample results were found to be in compliance with COMAR water quality standards.

Gross Alpha and Beta samples were also collected on 03/31/2008. Both findings were below the maximum limit suggested by the EPA. At the time of the testing and with respect to these parameters, the future well water supply appears safe for all uses. No addition testing for these parameters will be required to secure the future Use and Occupancy.

### INTERIM CERTIFICATE OF POTABILITY

This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit #HO-95-0733. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigation and evaluation, the Howard County Health Department as authorized by the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.

This certificate may become final upon completion of the second bacteriological test, which is to be taken by the county health department within six months of receipt of this letter. Please contact (410) 313-1773 to schedule a final water sample appointment. Currently, there is no charge for this final sampling.

Date of Water Samples:

09/19/2008

Date of Samples for Gross Alpha & Gross Beta: 03/31/2008

Date of Well Completion:

03/27/2007

Approving Authority,

Stuart Oster, R. S.

Well & Septic Program

cc:

Building Inspector's Office Community Health Services

File

# MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION 1800 Washington Blvd., Baltimore, Maryland 21230 (410) 537-3784

WATER	WELL	ABANDONMENT-	SEATING	PEDODT	FORM
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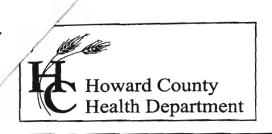
*****************	,************	*******	******	/****
SUBMIT COPIES OF COMPLETED FORM TO:				
* COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if add	iress needed)			
<ul> <li>WELL OWNER</li> <li>MDE, WATER MANAGEMENT ADMINISTRATION, WELL PRO</li> </ul>	OCDAM			
·				
DATE WELL ABANDONED: MAN(L 30 7007 (month/de	ay/year)			
		fin.		
	N	/H	_	
⋆ PERMIT NUMBER OF ABANDONED WELL (if any)		* j		_
CO PERIL ACRIMENT MELL	N	14	-	
* PERMIT NUMBER OF REPLACEMENT WELL		* )		_
* PERSON ABANDONING WELL: Wall & MAYNE	WELL DRILI	LERS LICENSE NUMBE		
* OWNER'S NAME: WILLIAM'S Bung Bld.		Ci	IRCLE: MWD	/MSD/MGI
		SITE LOCATION MAR	מ	
* WELL LOCATION: 1485 Sheapard CA		SHE LOCATION III	<del></del>	
COUNTY:/Towand	1			1
NEAREST TOWN: CLARKS CILLIE	Berlin St. Walter St. S. W. Walter B. S.	war and the same		1
TAX MAP BLOCK PARCEL	1	( )		- 1
SUBDIVISION: N/A	1	1	to allow the same of the same	1
SECTION: LOT: 4485	1	A /	BUT ASSESSED BOOK OF THE PARTY	- 1
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'	SXX	· Common		1
,	/	1-		- 1
,		7		1
* TYPE OF WELL BEING ABANDONED:				
* TITLE OF THE STATE OF THE STA		LOG OF SEALI	ING MATERI/	A T
JETTED	Г	1000	NO WATER	ıL
BORED/AUGERED HAND DUG	J	MATERIAL	. FEE	žΤ
OTHER (specify)	J	WINTER THE REAL	FROM	TO
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DOMESTICMUNICIPAL/PUBLIC	,	(Concel)		
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IEST/UBSERVATIONUEOTHERMAL	J	1		
* TYPE OF CASING:	J	1 -		
* THE OF CABING.	J	(		1
STEEL PLASTIC	J	1		
CONCRETE OTHER (specify)	Ţ	ſ	1	
		1	1	
14	J			
* SIZE OF CASING: INCHES IN DIAMETER	J	VOLUME OF M	4ATERIAL US	ED
100	ŗ			
* DEPTH OF WELL: 100 FEET DEEP	J	223445 (	omest.	
* WAS ANY CASING REMOVED? YESNO	1	35		
	J			
if yes, length removed, in feet:				
* WAS CASING RIPPED OR PERFORATED? YES NO				
* WAS CASING RIPPED OR PERFORATED? YES NO	, 10	}		~
White Manne	117	MWD/MSD MGE	03-30-	0
SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIA	AN LICENSE #	CIRCLE ONE		DATE

2) COUNTY ENVIRONMENTAL AGENCY

**DENV 828** 

**JULY 1997** 

9



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

April 23, 2007

### **MEMORANDUM**

TO:

**Bob Corbett** 

Williamsburg Group, LLC 5485 Harpers Farm Road Columbia, MD 21044

FROM:

Brian Baker, R.S.

Well and Septic Program

Bureau of Environmental Health

RE:

4485 Sheppard Lane

Ellicott City, MD 21042

Tax Map 29, Grid 01, Parcel 268

This is to advise that the Howard County Health Department recommends issuance of the demolition permit for the three residential buildings that were serviced by well and septic on the referenced property.

The three septic systems have been abandoned per Mike Johnson of Associated Excavators. The well for the houses was abandoned and sealed per Ralph Mayne. If any remaining wells or septic system components are found during the demolition and rebuilding phases of this project, please notify this office.

Cc: File

Wood House 20ft

Service 50ft [] #

3525 H Ellicott Mills Drive (410) 313-2640 TDD (410) 313-2323

Mills Drive • Ellicott City, MD 21043 313-2640 Fax (410) 313-2648 313-2323 Toll Free 1-866-313-6300 website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

## ATTENTION WELL DRILLERS!!!

When submitting a well application for a new or replacement well, please indicate one of the following:

The	well site has been	staked by	FSH	Associales	-
on_	1-26-07	and is r	eady fo	or site inspecti	ion.
		will ca	ll the H	ealth Departm	1ent
for	a time to meet in t	he field to v	erify a v	well location.	
Site	plan for new well	is attached t	o well p	ermit applicat	ion.

Please attach this sheet when submitting your green application. This should help improve communication allowing a more timely service for our citizens.

KN

# FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 875-4554 TAX (410) 848-0298

## REPORT OF ANALYSIS

Laboratory ID #:

68789

Account #:

Reference:

Williamsburg Group Lot 11

Company: Williamsburg Group LLC Requested By:

4470

Location:

4638 Sheppard Manor Drive

Chip Lundy/ Bob Corbett

Ellicott City, MD 21042

Source:

Date/ Time Collected: 9/19/2008

1100 Site: Well Water

Date/Time Rec'd:

Pressure Tank

Chlorine ppm:

Bacteria, E. eoli, MPN

9/19/200**8** 08 Free: ND

1233 Total: ND

Treatment:

None 6.7

Collected By:

6176JY

nH:

HO-95-0733

J.Yeager

Well #:

PARAMETERS RESULTS UNITS REFERENCE METHOD DATE/TIME/ANALYST Bacteria, Coliform. Total. MPN <1.0 MPN/ 100 ml SM18 9223 B. 9/20/2008 / 1000 / AMD

MPN/ 100 ml

mg/l..

Nitrate <1.0 <1.0 10

SM18 9223 B. 601

9/20/2008 / 1000 / AMD 9/19/2008 / 1350 / AMD

Turbidity

1.13 NS.

<1.0

NTU

<10 SM18 2130B 9/19/2008 / 1400 / AMD

Sand

5 ו/שַתו

Visual/Gravimetr 9/19/2008 / 1400 / AMD

### NOTES

- 1 mg/L = milligrams per liter (also, parts per million)
- 2 MPN/ 100 inl = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 3 NS = None Seen (NS indicates less than 5 mg/L)
- 4 NTU - Nephelometric Turbidity Units
- 5 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 6 ND:None Detected
- 7 Visual well check: Sealed, vented cap
- pH tested on-site

Reason for Test:

Use & Occupancy

Building Permit #:

07003570

Date Reported:

9/22/2008



Bureau of Environmental Health 7176 Columbia Gateway Drive, Columbia, MD 21046-2147 (410) 313-2640 Fax (410) 313-2648 TDD (410) 313-2323 Toll Free 1-866-313-6300

website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

April 24, 2008

Williamsburg Group LLC 5485 Harpers Farm Road Columbia, Maryland 21044

> RE: Sheppard Manor, Lot# 11 Well Tag: HO-95-0733

To Whom It May Concern:

A sample was collected from a yield test on March 31, 2008 and submitted to GPL Laboratories to assess the possible presence of Gross Alpha and Gross Beta in the future well water supply. Gross Alpha and Gross Beta measure the total alpha and beta particle activity in a water supply. In turn, this can provide information regarding naturally occurring radiation (i.e., Radionuclides) that may exist in your area of development within the County.

Results from this screening revealed a Gross Alpha of  $2.1 \pm 0.0$  picocuries/liter (pCi/L); while the Gross Beta level was  $4.1 \pm 0.0$  pCi/L. The Gross Alpha result was below its maximum contaminant level (MCL) of 15 pCi/L, while the Gross Beta level was below its target value of 50 pCi/L (roughly equivalent to the annual dose rate of 4 millirems/year).

At the time of testing and with respect to these parameters, the future well water supply appears safe for all uses. No additional testing for these parameters will be required to secure the future Use & Occupancy. However, other standard (potability) testing will still be necessary.

A copy of the test results is enclosed for your information. Please call this office at 410-313-1773 if you have any further questions.

D W

Bert Nixon, Director

Bureau of Environmental Health

cc: Barry Glotfelty, MDE Water Mgmt.

_	Report To:		ate of Maryland		
B	ext Notion		boratories Administration		
			Environmental Chemistry ON LABORATORY		
Vove	ed County Hardilly Danadayani		-	1561	
	ed County Health Department ru of Environmental Health		rcol, Baltimore, Maryland 2		
7178	Columbia Goteway Driva	John IVI. De	Boy, Dr. P.H., Directo	or	
·Colur	nbid, Maryland 27046	LABORATOR	Y ANALYSIS REC	UEST	
	7	0433	•		
Sam	ple Bottle No. A: Ho-9	5-0733 No. B:	Field Blank Bo	ttle No. A:	No. B:
	/Site Name:	of Minor		County:	
Samp	ole Source: _Shepper	d Marer	Location:	40-95-0	793 nble tap, etc.)
Coun	ity: 🛮 🗷 🗷	Plant No.			l
CHE	CK (ons per box)				
Dria	dag Walar	Community	Bource (rair maler)	Emerger Routine	g
Stree Other	ta 🗀 🗗	len-community avaic liner	Distribution (tressed)	Routing Recherk	
Colle	ctor: Ke wolf	· · · · · · · · · · · · · · · · · · ·	Telephone No:	110-313-	2645
Date	Collected: 3 / 3/ /	2008	Time Collected:	/0130 a.m	p.m.
Nitrio	Acid Preserved: Yes	B No □	Iced: Yes	590	~
Subre	utters Code:	Federal Project	; D Field Data: _		
DUVI	dicis code: == ==		- 17000 Dava	pH Ch	lorine
Rema	rks: Sample	collected	@ doge - pr	mp.	
<b>√</b>	Test	BPA Code	Laboratory No.	Results (pCi/L)	Date Reported
1	Test Gross Alpha	BPA Code 4000	Laboratory No.		Date Reported
\ \ \					
\ \ \	Gross Alpha Gross Beta Radon-222	4000	804008-001-1	2.08	04/14/08
\ \ \	Gross Alpha Gross Beta Radon-222 Bonle A Radon-222	4000	804008-001-1	2.08	04/14/08
\ \ \ \	Gross Alpha Gross Beta Radon-222 Bonle A	4000 4100 4004	804008-001-1	2.08	04/14/08
\ \ \ \	Gross Alpha Gross Beta Radon-222 Bottle A Radon-222 Bottle B	4000 4100 4004 4004	804008-001-1	2.08	04/14/08
\ <u>\</u>	Gross Alpha Gross Beta Radon-222 Bottle A Radon-222 Bottle B Field Blank A	4000 4100 4004 4004 4004	804008-001-1	2.08	04/14/08
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\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Gross Alpha Gross Beta Radon-222 Bonle A Radon-222 Bonle B Field Blank A Field Blank B Tritium	4000 4100 4004 4004 4004 4004	804008-001-1	2.08	04/14/08
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	Gross Alpha Gross Beta Radon-222 Bonle A Radon-222 Bontle B Field Blank A Field Blank B Tritium Ra - 226 Ra - 228 Total Uranium  Date Received:	4000 4100 4004 4004 4004 4004 4006	8 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	2.08	04/14/08