C 1 7424 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 (13) P37338
ST/CO USE ONLY DATE WELL COMP	A I	FROM "PERMIT NO.
MM DD YY O'S 20	2 440 26	(C) HO 95 1244
8 13 15	20 (TO NEAREST FOOT)	28 29 30 31 32 33 34 35 36 37
STREET OR RFD 13 780 In a	delphia Milli RoadTOWN	Dayton
SUBDIVISION Sahine Phone	SECTION_	LOT_2
WELL LOG	GROUTING RECORD YES NO	C 3
Not required for driven wells	WELL HAS BEEN GROUTED (Circle Appropriate Box)	1 2 PUMPING TEST
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING	TYPE OF GROUTING MATERIAL (Circle one)	HOURS PUMPED (nearest hour)
DESCRIPTION (Use additional sheets if needed) FROM TO bearing	CEMENT C M BENTONITE CLAY B C	35
	NO. OF BAGS NO. OF POUNDS	PUMPING RATE (gal. per min.)
Top Soil 0 2 Sandy 2 30	DEPTH OF GROUT SEAL (to nearest topt)	METHOD USED TO Buc lost
Saula 2 30	from O ft to SOF ft	
101 20 05 11	46 TOP 52 54 BOTTOM 58 (enter 0 if from surface)	WATER LEVEL (distance from land surface)
Squel Jours	casing CASING RECORD	BEFORE PUMPING 17 20 ft.
MICKA 35 50	types insert appropriate	WHEN PUMPING 190 ft.
Sand Stowe 90 95 Mick A 95 380 Mick A 380 385	code DII OIT	TYPE OF PUMP USED (for test)
Signal Store 96 380	below PLASTIC OTHER	A air P piston T turbine
MICKA 95 380 385	MAIN Nominal diameter Total depth CASING top (main) casing of main casing	27 27 other
1. Thisp June 310HE	TYPE (nearest inch)! (nearest foot)	C centrifugal R rotary O (describe below)
MICKA 385 440	60 61 63 64 66 70	
	E OTHER CASING (if used)	J jet S submersible
	diameter depth (feet) inch from to	
	C	DRILLER INSTALLED PUMP YES NO
	8 I N	(CIRCLE) (YES or NO)
	Ĝ	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
	or open hole ST BR HO	IN BOX 29.
	appropriate BRONZE HOLE	CAPACITY: GALLONS PER MINUTE
The state of the s	below PL OT	(to nearest gallon) 31 35
	` /	PUMP HORSE POWER 37 41
NUMBER OF UNSUCCESSFUL WELLS:	DEPTH (nearest ft.)	PUMP COLUMN LENGTH (nearest ft.)
yes no	F HO 40 440	CASING HEIGHT (circle appropriate box
WELL HYDROFRACTURED Y N	A 8 9 11 15 17 21	and enter casing height)
CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED	H 2 23 24 26 30 32 36 S	LAND SURFACE
WHEN THIS WELL WAS COMPLETED	C3	below (nearest) foot)
P TEST WELL CONVERTED TO PRODUCTION	ENERGY	49 50 51 A LOCATION OF WELL ON LOT
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN	E SLOT SIZE 1 2 3	SHOW PERMANENT STRUCTURE SUCH AS
ACCORDANCE WITH COMAR 28.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED	DIAMETER (NEAREST INCH)	BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS
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.S. D. J. J.	GRAVEL PACK	TENT.)
THE Winner	IF WELL DRILLED WAS FLOWING WELL	Litouble Search
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	INSERT F IN BOX 68 68 MDE USE ONLY	1 1 Carrie
LIC. NO.1 Sep.	(NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q	75
0	(E.n.o.s.) W U	95'
SITE SUPERVISOR (sign, of driller or journeyman	70 72 74 75 76	ON I
responsible for sitework if different from permittee)	TELESCOPE LOG INDICATOR OTHER DATA	Que
DENI/CDM	Contract to the second second	

B 1 0803 SEQUENCE NO. (MDE USE ONLY)		MARYLAND		OF LOUIS
1 2 3 6		ERMIT TO DRILL WELI se type	70	this form completely
	THE THE PARTY OF T			
Date Réceived (APA) 8 MM DO YY 13 OWNER INFORM	MATION	B 3 Howan	LOCATION OF	WELL J 21
ORN DONFF Robert. J 15 Last Name Owner	R. First Name 34	23 SUBDIVISION	WE l'nog	eaty 42
PO BOX 57 Street or RFD		SECTION 44 46	LOT [48 50	
DAY tow MD.	2 /0 36 2 Zip 76	DAY few 52 NEAREST TOWN		71
RALLE MAYNE M	Sp //2	MILES FROM TOWN (ent	er 0 if in town) 1 73	2 M I J 76 77 78
Driller's Name 76 RALIH E MAYNE INC	License No. 81	B 4 1 2 DIRECTION OF WELL FROM		his MILL Rd.
	y MQ . ZIDI	TOWN (CIRCLE BOX)		IDE OF ROAD
Address DL & Wilgues	> 8-50-07	NW 8-9 8-9	(CIRCLE APP	PROPRIATE BOX) WIZE WEST SEAST
Signature B 2 WELL INFORMATION 1 2 APPROX. PUMPING RATE	Date 5	TOWN E	DIS	TANCE FROM ROAD ENTER FT OR MI 38 39
(GAL. PER MIN.) 8 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14	500 12	Sw S	TAX MAP: 28	BLK: 19 PARCEL 300
USE FOR WATER (CIRCLE APP		NOT TO	O BE FILLED IN	BY DRILLER
DOMESTIC POTABLE SUPPLY & RESIDENT	IAL	Howard	d (13)	P37338
F FARMING (LIVESTOCK WATERING & AGRIC	CULTURAL	COUNTY NAME		COUNTY NO.
22 T INDUSTRIAL, COMMERICIAL, DEWATERING		STATE SIGNATURE		INSERT S
P PUBLIC WATER SUPPLY WELL		B/30/2007	Brun H.	Sober 8/30 bons
T TEST, OBSERVATION, MONITORING	95	43 MM 60 YY 48	CO SIGNATUR EAST	RE EXP. DATE
G GEO-THERMAL		NORTH 506 0	0 0 0 GRID 5	7 63
APPROXIMATE DEPTH OF WELL 150	FEET 28	SHOW MAJOR FEATURE BOX & LOCATE WELL '. WITH AN X	•	+ 1
APPROXIMATE DIAMETER OF WELL	NEAREST INCH	SOURCES OF DRILLING 1. Lell 2.	WATER	
METHOD OF DRILLING (c BORED (or Augered) JETTED	circle one) Jetted & DRIVEN	3.		\otimes
30 AIR-ROTary AIR-PERcussion RO 37 CABLE REVerse-ROTary	OTARY (Hydraulic Rotary) DRive-POINT	WRITE THE BOX NUMBE	R	
other	Park -	Sat	201	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
REPLACEMENT OR DEEPEN (CIRCLE APPROPRIATE E	3OX)	E South	000	}
THIS WELL WILL NOT REPLACE AN EXISTING THIS WELL WILL REPLACE A WELL THAT WILL		DRAW A SKETCH BELOW	N SHOWING LOCATI	ON OF WELL IN
ABANDONED AND SEALED		RELATION TO NEARBY TO DISTANCE FROM WELL	TOWNS AND ROADS	AND GIVE
39 S THIS WELL WILL REPLACE A WELL THAT WE AS A STANDBY-CONTACT LOCAL APPROVIN FOR POLICY ON STANDBY WELLS		7) (/	/ N
PERMIT NUMBER OF WELL TO BE REPLACED OR	DEEPENED	NEL)	_ _	≥ 11
Not to be filled in by driller (MDE OR CO	UNTY USE ONLY)	A 1882 79	good lad.	115
APPROP, PERMIT NUMBER	_G	Bos Juen Wit	/ NOW AL	1/3
PERMIT No. 40-	95-1244	/4	, er	M
SPECIAL CONDITIONS NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED .				•

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 for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

	AVS Plumbing + Heafing Telephone #: 410-442.2221 12630 Frederich Tell West Friendship MD 21794					
License # and nar Name (Print):(Licensed Plumber Licensed Well Driller Licensed Well Pump Installer ne of individual responsible for the field installation: Craig Kastaer License# 7080					
	idual must perform the actual installation. Apprentices must be under the direct					
	licensed journeyman or master plumber, pump installer or well driller. Licenses may be					
subjected to field	I verification.					
Name of Property	Owner: Orn dorff Telephone #:					
Subdivision:	Lot #: Well Tag # : HO					
Site Address:	13780 Tradelphia Mill RD Clarksville MD 21029					
Submersible Pur						
Make: Gary	Make: B 21 Two piece watertight cap:					
Model #: 569	Model#: 574 Les Screened, vented well cap:					
Pump Capacity						
Well Yield: 7	GPM NSF approved: Conduit min 18" B.G.:					
	ountered at time of pump installation: (feet) Conduit secured to well cap:					
	exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4					
	or Cable guards are required - Must circle one					
	ed, attached to inside of well casing with eye bolt					
Piping to house	House Connection					
Type:	PVC sleeved to undisturbed soil at wall penetration:					
PSL: 250 (160 p	si min), Approximate length of sleeve:					
Depth of supply li	ine: 36 (36" min) Sleeve caulked and sealed properly:					
The water supply distribution box, approval prior to	y line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, drainfields, and sewage reserve area. If this <u>cannot</u> be accomplished, contact this office for installation.					
Signature of comp	pany representative responsible for installation date					
	For Health Department Use Only - Not to be completed by Installer					
Date Insp. Reques	nted: Date Insp. Approved (KW)					
	Pitless adapter and water supply line at least 36" below grade					
	Two piece cap installed and attached to casing securely					
	Elec. conduit extends at least 18" below grade/attached to cap properly					
	Safety rope installed inside of well casing					
	Correct well tag attached properly and casing 8" above finished grade					
	Water supply line sleeved adequately at house connection					
}	Adequate grout observed below pitless adapter					

HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

WATER AND SEWERAGE PROGRAM TEL: (410)313-2640 FAX: (410)313-2648

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Company Name: Blugathern Species Increlephone #: 410 363 0072 Address: 2298 Tim Kahler Rd Elders has MD 21784
(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer License # and name of individual responsible for the field installation: Name (Print):
Subdivision: 5Abine Property Lot#: 2 Well Tag #: HO-95-1244 Site Address: 13780 Triadelphon Rd
Submersible Pump Data Make: Groulds Make: 305 h.42 Two piece watertight cap: Model #: 106520 Model#: 10055 Screened, vented well cap: Pump Capacity A GPM Depth: 39" (36" min) Cap secured to casing: Well Yield: 5GPM NSF/WSC approved: Conduit min 18" B.G.: 425 Depth of well encountered at time of pump installation: 440 (feet) Conduit secured to well cap: 425 If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4 Torque arrestors, Cable guards, or other acceptable method used—Must circle one Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing
Piping to house Type: Poly ethy lene PVC sleeve to undisturbed soil at wall penetration: 425 Approximate length of sleeve: 10 ft Sleeve caulked and scaled properly: 422
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.
Signature of company representative responsible for installation date
For Health Department Use Only - Not to be completed by Installer
Date Insp. Requested:



Maura J. Rossman, M.D., Health Officer

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

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Signature Telephone #:

Address:

	Plumber Licensed Well Driller Licensed Wel	I Pump Installer
	idual responsible for the field installation:	
Name (Print):AN W	Licens	se# MP 3 (7) A (2) ices must be under the supervision of a licensed
*A licensed individual mus	st perform the actual installation. Apprenti	ces must be under the supervision of a licensed
journeyman or master plu	mber, pump installer or well driller. Licens	ses may be subjected to field verification. Unlicensed
	ed to the appropriate licensing agency.	
Name of Property Owner:	Telephone	e #:
Subdivision:	Lot #:	Well Tag # HO - 95 - 17 4/1
Site Address:		- 13 - 12 - 13 - 12 - 12 - 12 - 12 - 12
one Address.		*
Submersible Pump Data	Pitless Adapter	Well Cap and Electric Conduit
Make:		Two piece watertight cap:
Model #:	Model#:	Screened, vented well cap:
Promo Consolts		
Pump Capacity		Cap secured to casing:
Well Yield:	GPM NSF/WSC approved:	Conduit min 18" B.G.:
	at time of pump installation:(feet)	Conduit secured to well cap:
	ell yield, a low water cut off switch is required	
	rds, or other acceptable method used- Must ci	
Safety rope, if used, attach	ed to hrass rope adapter or other acceptab	le method inside of well casing
Piping to house	House Connection	
Type:	PVC sleeve to undisturb	bed soil at wall penetration:
PSI: (160 psi min)	Length of sleevc(5' mir	nimum from foundation):
Depth of supply line:		
	(
The water supply line is re	quired to be at least ten feet from the senti-	c tank, pump chamber, sewage piping, distribution
		hed, contact this office for approval prior to
installation.	ge reserve area, if this cannot be accomplis	nea, contact this office for approval prior to
installation.		
Signature of company repres	sentative responsible for installation dat	e
	For Health Department Use Only - Not to	
	Fact Date Insp. Approved:	
	pter watertight & water supply line at least 36	
	ce cap installed and attached to casing secure	
Elec. co	nduit extends at least 18" below grade/attache	ed to cap properly \\ 4'5" total 11/8/2018(2)
Safety re	ope not outside of well cap/casing	
	well tag attached properly and casing 8" abov	ve finished grade
	upply line sleeved adequately at house connec	tion - 1 1 18 [2018 (2)
Adequate grout observed be	low nitless adapter	
racquate grout observed be	Ton philoso adapter	V
(Revised form 10/24/2018)	EX HOUSE	1/
(11/8/2014	1 1 - 50
_		Nigar factor 1/8/30000
í	PORCH	611-10-18 20 -00-1
	The state of the s	Under finished grade Under fine 1/6/2018 @ Under fine 1/6/2018 @ Under fine 1/6/2018 @

Website: www.hchealth.org Facebook: www.facebook.com/hocohealth Twitter: @HoCoHealth



Maura J. Rossman, M.D., Health Officer

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

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: BLUE STEER Telephone #: Telephone #:
(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer License # and name of individual responsible for the field installation: Name (Print): License# MP 3171 A (7) *A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may he subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.
Name of Property Owner: Telephone #: Subdivision: Lot #: Well Tag #: HO - 15 - Lot #:
Submersible Pump Data Make:
Piping to house Type: PVC sleeve to undisturbed soil at wall penetration: PSI: (160 psi min)
Signature of company representative responsible for installation date
Date Insp. Requested: 1/0 Date Insp. Approved: Inspector: Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade Two piece cap installed and attached to casing securely Elec. conduit extends at least 18" below grade/attached to cap properly Safety rope not outside of well cap/casing Correct well tag attached properly and casing 8" above finished grade Water supply line sleeved adequately at house connection Adequate grout observed below pitless adapter Revised form 10/24/2018 Revised form 10/24/
For Health Department Use Only - Not to be completed by Installer Date Insp. Requested: 11/0 Date Insp. Approved: Inspector: Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade Two piece cap installed and attached to casing securely Elec. conduit extends at least 18" below grade/attached to cap properly Safety rope not outside of well cap/casing Correct well tag attached properly and casing 8" above finished grade Water supply line sleeved adequately at house connection Adequate grout observed below pitless adapter Revised form 10/24/2018) For Health Department Use Only - Not to be completed by Installer Inspector:



Maura J. Rossman, M.D., Health Officer

INTERIM CERTIFICATE OF POTABILITY

Expiration Date - JUNE 7, 2019

December 7, 2018

Homeowner 13780 Triadelphia Mill Road Clarksville, MD 21029

RE: Ordonff Property, Lot 2

13780 Triadelphia Mill Road Building Permit: B17004205 Well Permit: HO-95-1244

Dear Homeowner:

This is to advise you that the septic system installation and water well construction for the above referenced property have been inspected and approved. Final approval of the septic system was granted on 8/14/2018. Final approval of the well line connection to the dwelling was granted on 12/7/2018. The well construction was completed on 9/20/2007. Water samples were collected on 11/28/2018.

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. 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-95-1244. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies.

This Interim Certificate of Potability will expire six months from the date of issuance. Submission of a second bacteriological test indicating the water is free of coliform and fecal coliform bacteria is required prior to the expiration date, after which time a Final Certificate of Potability will be issued. Failure to submit an additional sample and obtain a Final Certificate of Potability will result in a Notice of Violation and is punishable as a misdemeanor under the Annotated Code of Maryland, Environment Article, 9-1311, subject to a fine of up to \$500 or imprisonment not to exceed three months.

Please contact (410) 313-1773 to schedule a final water sample appointment or contact a Maryland certified water laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website: http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf

Website: www.hchealth.org Facebook: www.facebook.com/hocohealth Twitter: @HoCoHealth



Maura J. Rossman, M.D., Health Officer

In closing, please refer to our "Homeowner Fact Sheet" which illustrates a better understanding for your Onsite Sewage Disposal System. You will also find a link to Maryland Department of the Environments website which describes in further detail operation and maintenance of your septic system.

Approving Authority,

Kewin M. Wolf, LEHS, R.S./REHS, Supervisor

Groundwater Management Section

Well & Septic Program

Howard County Dept. of Inspections, Licenses, and Permits

Community Hygiene Program

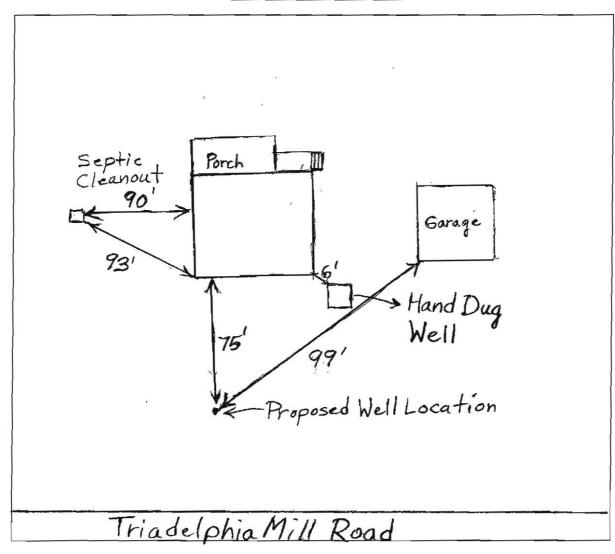
File

CC:

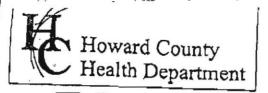
SITE INSPECTION SHEET

OWNER: Robert Orndorff	PHONE #:
ADDRESS: 13780 Triadelphia	CONTRACTOR:
Mill Road	WELL TAG #:
SUBDIVISION: Sabine Prop. LOT: 2	COUNTY #:
PROPOSAL: Seal Hand Dug Well	and Drill New Well

LOCATION DIAGRAM



COMMENTS:			
DATE: 8/	30/27	INSPECTOR:	B. Bohen



TDD (410) 313-2323

Toll Free 1-866-313-6300

website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer
WEU Stake FORM

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 Robert L. Dunderst
on 8 23 107 and is ready for site inspection
Robin Pollatos will call the Health Department
for a time to meet in the field to verify a well location.
Site plan for new well is attached to well permit application

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

KN Owner ware Robert L. Ornderff 410531.2288 x 620
Lot # 2
Sub-ware Sabine Property. 410-977.8990.cell

Permet application + Approve Site. 410,313.2643 Brian Baker

* Abandon Existing hand dug well. / Reo gr. 8/27/07 Melson, perm

05-379237

PERMIT

7/8/84 approved 5. Aby

P.3733P

A REPAIR

MARYLAND STATE DEPARTMENT OF HEALTH'

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

XXXXXXXXXXXX

INDEXED

DISTRICT______

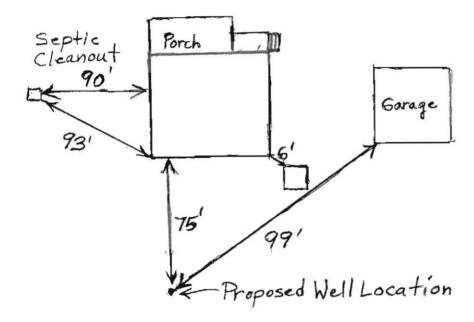
Jack Fyock	1	IS PERMITTED TO INST	ALL	ALTER X
ADDRESS		PHONE	988-9270)
SUBDIVISIONROA	D <u>13780 Tri</u>	adelphia Millı	от	
PROPERTY OWNERSa.		-		
ADDRESS IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY	BY 50% AND ARSO	APPTION AREA BY 22%	:	
GARBAGE GRINDER? YES NO	B1 90% AND AB3C	,		•
JARBAGE GRINDER! TES NO	,			
SEPTIC TANK CAPACITY GALLONS NUMBER	OF BEDROOMS _			
REPAIR ~ CALL FOR INSPECTION WHEN GROUND I	S OPENED UP	SO SANITARIAN	CAN RECOMM	MEND REPAIR
				
•				
PLANS APPROVED BY			re7/0	08/86
COVER NO WORK UNTIL INSPECTED AND APPROVED.				
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT I	S RESPONSIBLE FOR	THE SUCCESSFUL OPERA	ITION OF ANY SY	STEM.
NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLA	ACING GRAVEL IN TRE	ENCH.		
NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPT	TION TRENCH TO EXC	EED 100 FEET IN LENGTH	:	
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR S	SCHEDULE 40 PVC OF	R ABS.		
PERMIT VOID AFTER THREE YEARS.				
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPE	S MUST BE 6 INCHES	IN DIAMETER. CAST IRON	CONCRETE OR T	ERRA COTTA, OR
DUC OR ARE ACCEPTED IS TOR OF SEPTIC TANK IS DEEDED THAN	CEET MANHOLE TO	CRADE REQUIRED		

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

***CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.**

EH - 2-1082

A ROPAIR



STATE OF MARYLAND

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

REPORT OF WATER ANALYSIS

		ORFF	county: 1 10 110
Source of Sample: SABIN	E PROP LO	Town or City Collect	county: HOWARD
Sample Type Community Circle): Source Remarks: TRIDEMP	Distribution N	Private Emergency (MCL Recheck	Routine
+1081	1445		
County Plant No.	Sampling Do	ate Collected Time	Acid Iced
Field Data: pH*	Chlorine Residual	Free Total	Specific Conductance
ANALYSIS	CODE RESULTS	ANALYSIS .	CODE RESULTS
р Н*	011	Arsenic	253
Alkalinity (Total)		Barium	262
Alkalinity (HCO ₅)	050	Cadmium	273
Alkalinity (CO₃)	060	Chromium	283
pH*, Ca CO₃ SAT.	071	Lead	302
Alkalinity, Ca CO₃ SAT	080	Mercury	314
Hardness	110	Selenium	323
Ammonia-N	143	Silver	333
Nitrate-Nitrite N	162	7 Aluminum	192
Nitrite N	173	Calcium	231
MBAS	182	Copper	241
Chloride	091	Iron	122
Fluoride	101	Magnesium	241
Color*	020 -	Manganese	133
Turbidity*	031	Nickel	391
Conductance*, SPEC.	201	Potassium	361
Silica	210	Sodium	371
Sulfate	220	Zinc	342
Total Residue	381		
A SAME TO SEE			

50M

Date Reported

Date Received

DHMH 90-A (7/84)

WANTO WIRELING VILLE Na distributed to the PROMESTING E OR DOUBLE SUPPLIES 5/2/25 (Location OK Ey Well already Groutes arrived late 1000AN for 930pt (3) 60FT casing 4 over 50 # 4 open Hole 5) 13 Baga (6) Well DK B Holges

IT IAIN

)		(
Page	1	of		
Date	5	191	26	

Review		

FIELD DATA SHEET

		HOWARD COUNTY WEL	L YIELD TEST	
	HO - 8/- H		Mill Rd.	
abdivision	SABINE PRO	pary Lot	3 Block Plater Robert OKNDORFF	Sec.
Depth of Distance Static w !. High rate Time pump Total tim	well 2 of measuring portater level (S.W. pumping reserve started 0 to	oint (M.P.) above g. L.) below M.P. rvoir drawdown 2 0 reach pumping wate		below M.P.
TIME (in 15 minute in- tervals	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
1000	70	12560		5

minute in- tervals	below M.P.	time to fill 5 gallon bucket	(if used)	(gallons per minute)
1000	フロ	12565		5
1015	76	12		3
			•	
				•
	00 Tabo	1015	1. 1125	

HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

PUMP INSTALLATION

THE POLLOWING STATEMENT MUST BE COMPLETED BY THE HOME OWNER WHEN A PUMP IS INSTALLED BY A PERSON OTHER THAN THE WELL DRILLER:

My well driller is not to install the pump for my water well, and I hereby certify that it will be my responsibility to have a Pump Permit taken out by a registered master plumber or certified pump installer. It will be my responsibility to notify the Health Department before and during the installation so that inspections can be made by their representative. (Pursuant to Chapter XVII, of the Plumbing Code of Howard County.)

Robort Conflict.

Robort Convocate Ja.

7469 Firmowood Dave

Corresponde Md 21029.

(Address)

111 H- 490-0551

W- 596-9790

(OEP Well Permit Number)

4/9/86

(Date)

· SUBDIVISION: TRIADECPHIA MILL RD.

LOT NUMBER:

A 37853

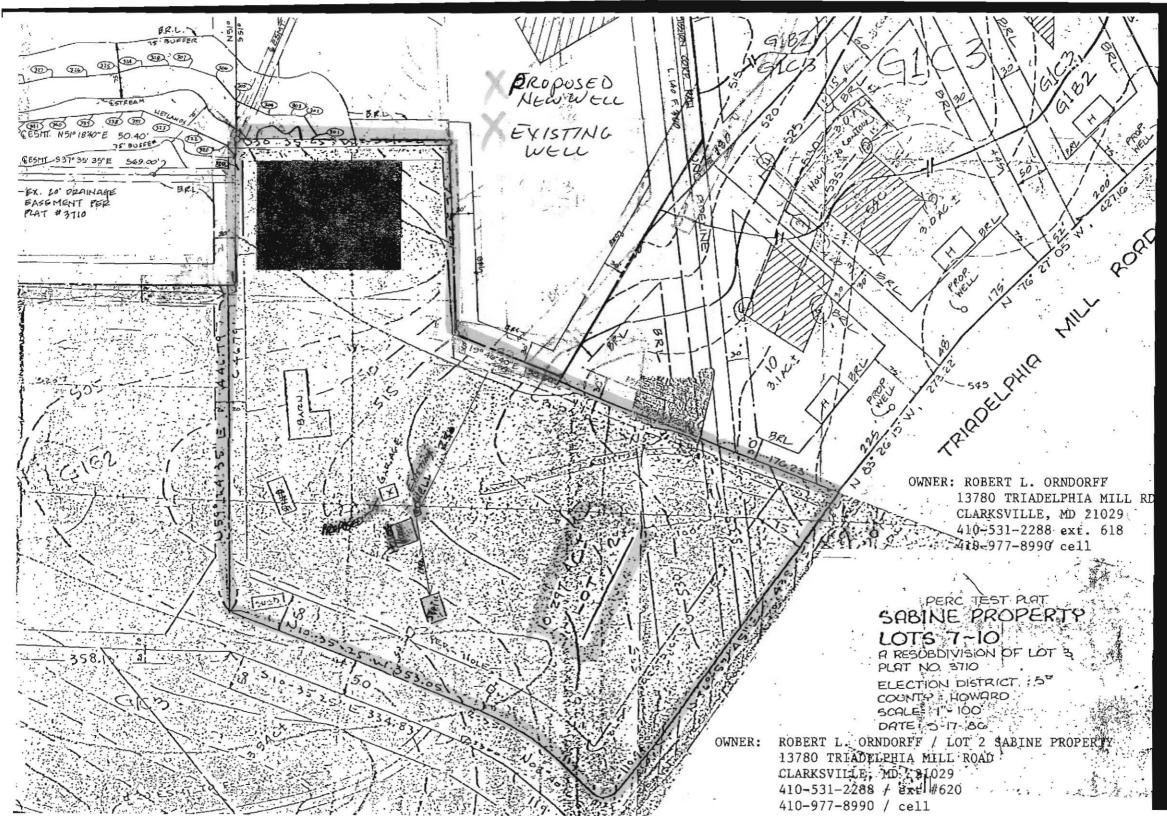
DRY WELL OR DRY WELL AND TRENCH

	sq. ft./bedroom
Septic Tank	Minimum Total square Feet
3 bedroom 1000 gallon	
4 bedroom 1250 gallon	
5 bedroom 1500 gallon	
Inlet feet below original grade	> .
Bottom maximum depth feet below	original grade.
Effective area begins at feet b	pelow original grade.
NOTE: If trench is used to make up absorption ground and leave a 5 foot earth buff No trench is to exceed 100 feet in as dry well, with feet of	fer between dry well and trench. I length. Trench inlet to be same
TRE	ENCHES
	180 sq. ft./bedroom
	sq. ft./bedroom
Trench to be wide.	HO NEW
Inlet _ 4 feet below original grade	
Bottom maximum depth feet below	original grade. BLDG. PERMIT SIGNED.
Effective area begins at feet b	pelow original grade. AND RETURNED 7/2/86 on pipe. S. Aus BP#7182
5 feet of stone below distribution	n pipe. S. Mul
NOMP. (1)	BP#7182
NOTE: (1) No trench to exceed 100 feet (2) If more than one trench used	in length. , a distribution box is required.
(3) Trenches to be installed on I	
(4) Call for inspection of trench (5) Provide 6"-8" diameter clean	
tank and drywell.	out and cap to grade or above on septic
(6) If a Garbage disposal is used and increase absorbant sidewa	i, increase septic tank capacity by 50%
LOCATION: PLACE THE DISTRIBU	TION BOX 155' From
THE REAR (618,7') LOT LINE	AND 395' From THE
RIGHT (72211') LOT LINE AS	SEEN WHEN FACING THE
PROPERTY FROM TRIADELPHIA MILL	RDAD. RUN TREUCH(S)
ALONG CONTOUR IN BOTH DINECTION	7/15/86 CWella
	7/15/86 CWillia
PEAC RECOLOS NOT AVAILABLE	RECENTLY TESTED BY R. 4006651
THE RELA WIPHOPERTY DELINER INDIV	

λ_{ℓ}				
DATE MAY 8, 1986 WELL YIELD TEST DATA SHEET - FREDERICK COUNTY REVIEWED BY 5 MIN				
Maryland Well Permit No. Ho-81-1445 Owner or Applicant Robert ORWOORFE				
Location of Property (road) cff Tribelplia Rd.				
Subdivision SABIN PROP Lot 3 Block — Plat — Sec. —				
Depth of Well 245 Height of Measuring Point Above Ground 215.				
Static Water Level Below Measuring Point 35				
9 GPM FOR 25 m. N TO YOK WATER LEVEL				
The first entry in the table must be when you begin the drawdown. Enter all appropriate				
information. Indicate when the drawdown shape and and the recovery test begins				

1	TIME	WATER LE		PUMPING RATE Time to fill FLOW METER READING		CALCULATED FLOW		
1	(CHRON.)	Below M.		I ga	l. bucket	(if used)	(gallons per min	1.)
1	8:45	20	Fr	13	Sec	1	5 6124	_
1	9:00	>0	A	12	Sec.		5 SPM	
1	9:15	- 11) f	1,			" "	
1	9:30	11	137	((.	l i		(1 41	
	5:45	>0	G+	12.	Sec		5 Gm	
	10:00	>0	A	12	Sec		5 6Pm	
	10:15	11	0		(1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	11 ti	
	10:30	١ (11	- 11	"		11 (1	
	10:45	>0	14	12	Sec		5 Gan	
I	11:00	70.	FF	12	Sec		5 G/M	
T	11:15	11	11	il	lı		u u	
T	11:30	70	A	12	Sec		5 61m	
T	11:30	>0	A	12	Sec		5 G/M	
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I hereby certify that the yield test was conducted as described in State Health Department Regulations COMAR 10.17.13.07Q. 60 FT PL . SOT CFEW 13 SMJS



C 1 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 TYPE	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED. COUNTY NUMBER	
DATE Received	DATE WELL COMPLET	Depth of Well 22 2 26 (TO NEAREST FOOT)	PERMIT NO. FROM "PERMIT TO DRILL WELL" 28 29 30 31 32 33 34 35 36 37	
OWNERSTREET OR RFD	OKNDORFF last name TRIA	Robert TOWNTOWN	DAYTON	
GODDIVIOIS T	LLOG PROPER	GROUTING RECORD	LOT S	
Not required to	for driven wells	WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL	C 3	
	FEET Check	CEMENT CIM BENTONITE CLAY RC	HOURS PUMPED (nearest hour)	
additional sheets if needed	if water	r 45 46 45 46	PUMPING RATE (gal. per min. to nearest gal.) 11 15 METHOD USED TO	
TOPSOIL	0 2	DEPTH OF GROUT SEAL (to nearest foot) from ft. to ft.	MEASURE PUMPING RATE L WATER LEVEL (distance from land surface)	
Shuty	250 V	48 TOP 52 54 BOTTOM 58 (enter 0 if from surface)	BEFORE PUMPING	
SAND STONE	50 55	types insert ST CO	WHEN PUMPING 22 25	
Micka	55 70	appropriate code below PLASTIC OTHER	TYPE OF PUMP USED (for test) A air P piston T turbine	
SAND STONE MickA	20 25	MAIN Nominal diameter Total depth CASING top (main) casing of main casing TYPE (nearest inch) (nearest foot)	C centrifugal R rotary Other (describe below)	
MickA	75 245	TYPE (nearest inch) (nearest foot) 60 61 63 64 66 70	J jet S submersible	
		E OTHER CASING (if used) A diameter depth (feet)	PUMP INSTALLED	
		inch from to	DRILLER WILL INSTALL PUMP YES NO (CIRCLE) (YES OF NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE	
		screen type or open hole or open hole or open hole insert appropriate code below PL OT	TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX-SEE ABOVE: CAPACITY: GALLONS PER MINUTE	
		Delow PLASTIC OTHER	(to nearest gallon) PUMP HORSE POWER 31 35 37 41	
12 to 12	1	DEPTH (nearest ft.)	PUMP COLUMN LENGTH (nearest ft.)	
		E 1	CASING HEIGHT (circle appropriate box and enter casing height)	
		H ₂ 23 24 26 30 32 36	LAND SURFACE (nearest foot)	
	OPRIATE LETTER NDONED AND SEALED WAS COMPLETED	R 3 38 39 41 45 47 51	LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS	
E ELECTRIC LOG OB	TAINED ERTED TO PRODUCTION	SLOT SIZE 1 2 3 (NEAREST	BUILDING, SEPTIC TANKS, AND/OR N LANDMARKS AND INDICATE NOT LESS	
WELL THEREBY CERTIFY THAT THIS W	ELL HAS BEEN CONSTRUCTED II	OF SCREEN 56 60 INCH)	THAN TWO DISTANCES (MEASUREMENTS TO WELL)	
AND IN CONFORMANCE WITH ABOVE CAPTIONEO PERMIT.	10.17.13 "WELL CONSTRUCTION ALL CONDITIONS STATED IN TH AND THAT THE INFORMATION ATE AND COMPLETE TO THE BES	GRAVEL PACK	1300' Po	
DRILLERS IDENT, NO. 1	Nounce	OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)	2001	
DRILLERS SIGNATURE (MUST MATCH SIGNATU	Mayre	T (E.R.O.S.) W Q 70 72 74 75 76	weil the	
SITE SUPERVISOR (sign responsible for sitework	of driller or journeyman of different from permittee	TELESCOPE LOG OTHER DATA CASING INDICATOR		