C 1 3907 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 (THIS NUMBER IS TO BE PUNCHED 'IN COLS. 3-6 ON ALL CARDS)	FILL IN THIS FORM COMPLETELY PLEASE TYPE	COUNTY NUMBER
ST/CO USE ONLY DATE Received MM DO YY 8 13 DATE WELL COMPL	ETED Depth of Well 22 400 26 (TO NEAREST FOOT)	PERMIT NO. FROM "PERMIT TO DRILL WELL" - 73 - 3 8 9 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
OWNER OSTER CON	STRUCTION first name	
STREET OR RFD 12 964 SUBDIVISION	SECTION TOWN	LOT
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 DESCRIPTION (Line FEET Check	TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC	HOURS PUMPED (nearest hour)
DESCRIPTION (Use additional sheets if needed) FROM TO if water bearing	NO. OF BAGS 46 NO. OF POUNDS 45 46	PUMPING RATE (gal. per min.)
DEEPENED 205 400	GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot)	METHOD USED TO MEASURE PUMPING RATE Bucket
	from 48 TOP 52 ft. to 54 BOTTOM 58 ft.	WATER LEVEL (distance from land surface)
Blue gray	(enter 0 if from surface) casing CASING RECORD	BEFORE PUMPING 17 20 ft.
niel,	types insert appropriate STEEL CONCRETE	WHEN PUMPING 400 ft.
	code below PL OT	TYPE OF PUMP USED (for test)
	MAIN Nominal diameter Total depth	A air P piston T turbine
	CASING top/(main) casing of main casing TYPE (nearest inch)! (nearest foot)	C centrifugal R rotary O other (describe
	60 61 63 64 66 70	27 27 below)
	E OTHER CASING (if used)	J jet S submersible
	diameter depth (feet) H inch from to	PUMP INSTALLED
	Å	DRILLER INSTALLED PUMP YES (CIRCLE) (YES or NO)
	g	IF DRILLER INSTALLS PUMP, THIS SECTION
	screen type SCREEN RECORD	MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED
	or open hole ST BR HO insert STEEL BRASS OPEN	PLACE (A,C,J,P,R,S,T,O) 29 IN BOX 29.
	appropriate BRONZE HOLE	CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35
	below PLASTIC OTHER	(to nearest gallon) 31 35 PUMP HORSE POWER
ANAMED OF UNION OFFICE IN THE LOCAL PROPERTY OF THE LOCAL PROPERTY	C 2 DEPTH (nearest ft.)	PUMP COLUMN LENGTH 37 41
NUMBER OF UNSUCCESSFUL WELLS: yes no	E 1	(nearest ft.) CASING HEIGHT (circle appropriate box
WELL HYDROFRACTURED Y	A 8 9 11 15 17 21	+ above and enter casing height)
CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED	H ² 23 24 26 30 32 36	LAND SURFACE
E ELECTRIC LOG OBTAINED	C 3 R 38 39 41 45 47 51	below) (nearest) foot)
P TEST WELL CONVERTED TO PRODUCTION WELL	E SLOT SIZE 1 2 3	LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "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.	DIAMETER (NEAREST INCH) 56 60 from to	BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)
DRILLERS LIC. NO.1 M W DAYS 1	GRAVEL PACK	10 - Line
DRILLERS SIGNATURE & Plaster day	IN WELL DRILLED WAS FLOWING WELL INSERT F IN 80X 68 68	Prop line
(MUST MATCH SIGNATURE ON APPLICATION)	MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)	30
LIC. NO.1 IMD 727 1	T (E.R.O.S.) W Q	
SITE SUPERVISOR (sign. of driller or journeyman	70 72 74 75 76	P 15
responsible for sitework if different from permittee)	TELESCOPE LOG CASING INDICATOR OTHER DATA	
DENV-CR00	COUNTY	

8276 MO ANDE ONCY	STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY	THIS REPORT MUST BE REMAYTED WITHIN 30 DAYS AFTER WELL IS COMPLETED COUNTY A 2/384	
Date Received 7 Ay 4, 178	PLEASE PRINT OR TYPE	PERMIT NO.	
DATE WELL COMPLETE	Degree Ot week	FROM "PERMIT TO DRILL WELL"	
	2.5	HO-73-3893	
3 3	(TO NEARLEST FOOT)	NABE ENGINE	1
OWNER JOHN IN C.S.	Robert		
STREET ON RED 13904 Trade la		ton	
SUMPRISION ROSE MARY Estate	SECTION SECTION WELL HAS BEEN GROUTED	LOT X A	
STATE THE KIND OF FORMATIONS	WELL HAS BEEN GROUTED (Concile Appropriate Sea.)	C 3	
PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING	TYPE OF GROUTING MATERIAL	PLIAPING TEST	
DESCRIPTION (Use FEET Check	CEMENT CM BENTON TE CLAY BC	HOURS PUMPED (meanest hour) (G	
	HO. OF BAGS NO. OF POUNDS OF B	PUMPING RATE (gal. per min.	
700 Sair 10 1-1	GALLONS OF WATER O	METHOD USED TO	
100 30.6	form of TOP (anter O at frame information) in the first of the form of the fo	MEASURE PUMPING RATE	
SANDLY 2 25	Contrary Casteria RECORD.	WINTER LEVEL "Militance from Well surface)	
5-114-5-05-110	ST CO	BEFORE PUMPING	i
SANO STONE 23 70	STEEL CONCRETE	WHEN PURING 12 205	
winka 40 50	PL OT	TYPE OF PUMP USED for test)	
MICKA I	PLASTIC OTHER	A) sir P pieton T terbine	
Top Soit 0 2 25 SANDLY 2 25 SANDLY 25 40 Micka 40 50 SANDLY 50 55	MAIN Haminal diameter Total death ""	Countrifugal Protery Oother	l .
	CASING tepimentcaune of main caning TYPE (nearest inch) (nearest foot)	Contribugal R rotary O(describe below)	
M.dl 4 55 205	ST 6 36	[] jet S submechibe	ŀ
	40 41 A2 44 A4 70	T T	
	E OTHER CASING (if used)	THE REPORT OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO	.
	the state of the s	PLIMP INSTALLED	1
		TES NO	1
<u> </u>		(CIRCLE APPROPRIATE BOX) IF ORILLER INSTALLS PUMP, THIS SECTION	I
	screen type SCHEM RECORD.	MUST BE COMPLETED FOR ALL WELLS	1
	ar openhole	TYPE OF PUMP (WRITE APPROPRIATE	1
	ST BR (HO)	LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)	ł
	CODE BROWZE HOLE	CAPACITY:	
The marking strain address of the description of the strain and the	THE RESERVE OF THE PARTY OF THE	GALLONS PER MINUTE	adeargido essa e is
	C[2]	PUMP HORSE POWER	
2.75	DEPTH (nearest 12.)	PURIE COLUMN LENGTH (Surrent 1)	
The second of	E HA A 24 205	CASING MEIGHT (circle appropriate box	
	\$ 37 30 30 30 30 30 30 30 30 30 30 30 30 30	and enter casing height	1
	S 7	LAND SURFACE	
	- E - 17 74 10 10 10 10 10 10 10 10 10 10 10 10 10	II 2 (meanest	i
CIRCLE APPROPRIATE BOX A WELL WAS ABANDONED AND SEALED	[# p	de below) is foot).	4
WHEN THIS WELL WAS COMPLETED	37 40 40 40 40	LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS	
E ELECTRIC LOG OSTAINED	SLOT SIZE	BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS	1
TEST WELL CONVERTED TO PRODUCTIO	N DIAMETER INEAREST		1
HEREST CERTIFY THAT I HAVE CUMPLIES MITS AL	or something and an arrangement of something and arrangement of something and arrangement of something and arrangement of something arrangement of	PROF LINE	1
COMPSTIONS STATED ON THE ABOVE-CAPTIONED "PERMAN TO BRILL", MELL", AND THAT INFORMATION CONTAINS IN THIS REPORT IS INVE, ACCUMATE, AND COMPACT	CRAVEL CACK.	The same of the sa	4
TO THE SEET OF MY ANSWELDER, INFORMATION AN	F WELL DRILLED WAS	401 20	4.7
DRIELERS IDENT NO. L 0273	FLOWING WELL CIRCLE BOX	A MINISTER OF THE PARTY OF THE	
Tealed maria	(NOT TO BE FILLED IN BY DRILLER)		1
CHILLERS SIGNATURE	T (EROS)		
MUST MATCH SIGNATURE ON APPLICATION	, WO	Day Hote	
SITE SUPERVISOR (sign of driller or journeymen	TELESCOPE LOG OTHER DAT	equit	
responsible for allework if different from permittees	CASING INDICATOR		J

Page	of			e*
		ŗ	Revi	iew
Laco		FIELD DATA		
*	HY	DROGEOLOGIC AREA (3)		
Maryland	Well Permit No.	Ho-73-3893	Election Distri	lct
Location	of Property (roa	d) 12904 Tries	lelphie Rd	
Subdivis	ion	Lot	Block Plat	Sec
Well Dri	ller EASTEFDO	Ly 01	wner Oster Const	MgT
	Depth of Well 2	05 29pm uring Point (M.P.) al el (S.W.L.) below M.1	bove ground / C	<u>r</u>
		reservoir drawdown		A
			Pumping rate 20 er level 6 ft.	
II. Recov	very pump test dat	ta - observations to	be recorded every 1	5 minutes.
TIME	WATER LEVEL Below M.P.	PUMPING RATE Time to fill ONC. gal. bucket	FLOW METER READENG (TEXASE)	(gallons per min.
200	109 RT	14500	135 FT	41.28 Cpn
215	109 FT	1450		4.28 Con
230	110 FT	15 802		4 6pm
245	110 KT	15 StC		4 Copun
300	110 RT	15 582		4 6 pu
315	110 AT	15 Sec		4 can
330	HORT	1550		of Gary
345	110 7	15801		4 GRM
400	11672	15500		by Con
415	HORT	155e		year
430	11185			4600
445	11119	15 5au		4 6 pm
500	1115	15 Se		4 6000
				·
		75198 BY	succes	
		4.00 M		

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March 22, 2004

Denise Swatzbaugh Groundwater Permits Program

RE: Replacement Well Tag

Rosemary Estates – Lot 23A 12904 Triadelphia Road Ellicott City, MD 21042 Well Permit #: HO-73-3893

Dear Ms. Swatzbaugh:

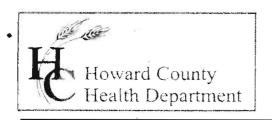
Upon a well line inspection for the above referenced property, it was observed that the above assigned well tag was not located on the well casing. Field/office research could not locate the missing tag. Therefore, I am requesting a replacement tag reading HO-73-3893 to be sent to this office.

Thank you for your help with this matter.

Sincerely,

Brian Baker, R. S. Well and Septic Program

cc: File



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

April 28, 2004

Anne and Mike McCrea 12904 Triadelphia Road Ellicott City, MD 21042

> RE: Rosemary Estates, Lot # 23-A 12904 Triadelphia Road BP # B00142600 Well Permit #HO-73-3893

Dear Sirs:

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 April 28, 2004. This approval is contingent on the addition of an above grade septic tank cleanout.

This is a **Temporary Deviation** to the Code of Maryland Regulations (COMAR 26.04.04) to allow additional time for a well failing certificate of potability requirements to be brought into compliance with these regulations. This deviation requests that bottled water shall be used for drinking purposes in the interim period of time (**fifteen days**) to allow for additional disinfection procedures as described in Regulation COMAR 26.04.04.07N. **Documentation of a bacteria level below the limit shall be submitted to this office by a state certified <u>lab</u> within fifteen days of the date of this letter.**

By the end of the interim period (fifteen days), a determination shall be made by the Health Department whether to:

- a) accept the well as being in compliance with the bacteriological standard of Regulation 26.04.04.09B3a and issue a standard Interim Certificate of Potability or
- b) issue a Permanent Deviation under the condition that prior health department approval has been granted in order to install an ultraviolet light or other suitable disinfection system or
- c) issue an order that the well is abandoned and sealed

Fifteen Day Temporary Deviation for Bacteria

Issuance of this Temporary Deviation is based on information submitted by the potential occupant of the dwelling. By issuance of this letter, the Health Department recommends release of the Use and Occupancy permit for the above referenced property.

Date of Water Sample:

April 24, 2004

Date of Well Completion:

May 4, 1981

(HO-94-3600)

73-3893

Approving Authority

Brian Baker, R.S.

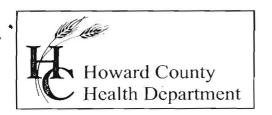
Well and Septic Program

mlb

cc:

Building Inspector's office,

File



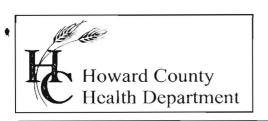
Penny E. Borenstein, M.D., M.P.H., Health Officer

REQUEST FOR TEMPORARY DEVIATION TO BACTERIA STANDARDS FOR CERTIFICATE OF POTABILITY

DATE: <u>09/28/04</u> WELL PERMIT #: HO - <u>13</u> - <u>3893</u>
PROPERTY OWNER: Mike + Ann McCrea SUBDIVISION & LOT #: PROPERTY ADDRESS: 12904 Triadelphia fed Ellicatt City Resepreny Estates
TESTIMONIAL: (Steps taken thus far by the well owner or agent to make the well water supply
bacteriologically safe) Well - 4 gallous light Breach
Opening to Well - 4 gallous light Breach 6 years ago tried for over I proute Alteriate in Well 3 Times Using 3 different forms of Allowing
PLEDGE: (Steps to be taken by the well owner or agent to bring the well water supply into compliance with COMAR 26.04.04.09 within fifteen (15) days)
Observate again. It does not pass use Ultraviolet disinfection System.
Ultraviolet disinfection System.

CONDITIONS:

- 1) Within fifteen (15) days, the well installed under permit # HO -73 -3893 will be bacteriologically free resulting from approved disinfection procedures.
- 2) If condition #1 is not met through disinfection techniques, then either:
 - a) PRIOR HEALTH DEPARTMENT APPROVAL IS REQUIRED BEFORE AN ULTRAVIOLET DISINFECTION SYSTEM CAN BE INSTALLED (which must be maintained by the homeowner continuosly to ensure a bacteriologically safe water supply)



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

OR

b) An order to abandon and seal the well will be issued

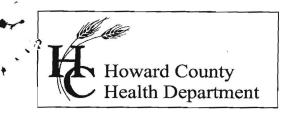
I hereby request that a Fifteen-Day Temporary Deviation to COMAR 26.04.04.09 B3a be granted for the well installed under permit # HO-73-3893. I am fully aware of the conditions under which this deviation will be granted, and of my responsibilities as the well owner which will include advising any future buyer/tenant of the installation, condition and maintenance responsibilities of an appropriate disinfection device if applicable.

Prospective Owner's Original Signature(s) [Person(s) that intend to live in the dwelling]

Prospective Owner's Day Time Phone Number(s)

410-404-1375

410-404-1382



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

May 27, 2004

Ann & Mike McCrea C/O Oster Construction 19416 Pyrite Lane Brookeville, MD 20833

SENT VIA FACSIMILE 301-924-1711

RE: 12904 Triadelphia Road Rosemary Estates, Lot 23-A BP # B00142600 Well Permit # HO-73-3893

Dear Mr. & Mrs. McCrea:

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 04/21/2004. Final approval of the well line connection to the dwelling was approved on 02/26/2004.

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.

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-73-3893. 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:

04/21/2004 & 5/03/2004

Date of Well Completion:

01/09/2004

Approving Authority,

Brian Baker, R. S.

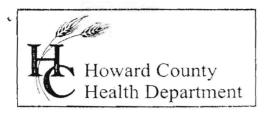
Well & Septic Program

Brian Baker

cc:

Building Inspector's Office Community Health Services

File



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

March 22, 2004

hom: C

Denise Swatzbaugh Groundwater Permits Program

RE: Replacement Well Tag

Rosemary Estates – Lot 23A 12904 Triadelphia Road Ellicott City, MD 21042 Well Permit #: HO-73-3893

Dear Ms. Swatzbaugh:

Upon a well line inspection for the above referenced property, it was observed that the above assigned well tag was not located on the well casing. Field/office research could not locate the missing tag. Therefore, I am requesting a replacement tag reading HO-73-3893 to be sent to this office.

Thank you for your help with this matter.

Sincerely,

Brian Baker, R. S.

Well and Septic Program

cc: File



301-473-4015 FAX 301-371-7024

Form Por Well line installation at 12904 Triadelphia Rd.
We donot have Well tagt. Thanking

NUMBER OF PAGES (INCLUDING COVER SHEET)

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 impaction prior to 9 am on the day of the desired impection. No work is to be covered until approved by the Elealth Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26,84.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Address:

Donnism Plumbing Hartin Telephone 1:301
7809 Rings RO
Executive Min 21702

(Must circle one) Licensed Plumber) License # and name of individual responsible for the field installation:

Licensed Well Driller

Licensed Well Purps Installer

Licenses State IDDHD

"A licensed ladiv	idual must perform the actual installation. Apprentices must be under the direct
subjected to field	licensed journeyman or master plumber, pump installer or well driller. Licenses may be
	OWNET, M. Ke & One Me Creo Telephone #: 410 531 -6094
Subdivision:	Semany Catates Lat. 20 Well Tag #: HO - 73 - 3893
Site Address: 15	2904 Tracelobio Rd
Ŧı	licot City, mo 21042
Submersible Pun	np Data Pilless Adapter Well Cao and Electric Conduit
Make Coulds	
Model #: 5G507 Pump Capacity	
Well Yield: 4	
	puntered at time of pump installation (feet) Conduit secured to well cap:
it brund cotocità o	exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors o	or Cable guards are required - Must circle one
salety rope, it us	ed, attached to loside of well casing with eye bolt
Piping to house	House Connection
Type: Black -	Principaline PVC slowed to undisturbed soil at wall penetration:
PSI: 200 (160 ps	si min) 1/ Approximate length of sloeve: 25 Pt
Depth of supply hi	inc: 42 (16" min) Sleeve caulded and scaled property:
The water supply	y line is required to be at least ten feet from the soptic tank, pump chamber, sawage piping,
distribution box.	drainfields, and sewage reserve area. If this cannot be accomplished, contact this effice for
approval prior to	jasquilation.
12/1 W	() () 4/01/MI
puror 1	Jun 1/2 (CD) 7/21/04
Signature of comb	pany representative responsible for installation date
	For Health Department Use Only - Not to be completed by Installer
	5/2//4// (SA)
Date Insp. Reques	With the state of
MISTACON DAG.	Two piece cap installed and attached to easing securely
	Elec. conduit extends at least 18" below grade/attached to cap properly
	Safety rope installed inside of well easing
	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
HD-215(Rev.	8/00)
1.1.	100
4/21	109
- ad. 1	Nell Tag
SECO A	Nell lag E
	- Ci I D. La Oster
enlace "	many Tag lower to reter Usta
p. scock	ment Tag Given to Peter Oster
-	11 - 1 1 Tustall
t (e	ld. Easterday to Install.
	BB