C 1 2 15942 SEQUENCE NO (MDE USE ONLY		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 13 A514619	
ST/CO USE ONLY DATE Received MM DD YY  8 13 16	OMPLETED         Depth of Well           22         3/0         26           70         (TO NEAREST FOOT)         0, 1/2	PERMIT NO. FROM "PERMIT TO DRILL WELL" HO - 14 - 3745  28 29 30 31 32 33 34 35 36 37	
OWNER Preserve A	t wavenly filtw LCC		
SINCE! ON NED		Joed Steck	
SUBDIVISION TRESENSIE 47 4	GROUTING RECORD YES NO	LOT S	
Not required for driven wells	WELL HAS BEEN GROUTED (Circle Appropriate Box)	1 2 044000 7707	
STATE THE KIND OF FORMATIONS PENETRATED, THE COLOR, DEPTH, THICKNESS AND IF WATER BEARING	TYPE OF GROUNING MATERIAL (Circle one)	HOURS PUMPED (nearest hour)	
DESCRIPTION (Use FEET if w	eck cement CM BENTONITE CLAY BC	*	
Top Soil 0 2	GALLONS OF WATER	PUMPING RATE (gal. per min.)  11  METHOD USED TO	
Top Soil 0 2 Stanly 2 18	perth of GROUT SEAL (to nearest foot) from 48 52 ft. to 54 BOTTOM 58	WATER LEVEL (distance from land surface)	
SMUL Storms 18 20	(enter 0 if from surface)  CASING RECORD	BEFORE PUMPING 29 ft.	
MICKA 20 29	types insert ST CO	WHEN PUMPING 17 58 tt.	
SALL Stone 25 33	code below PL OT	TYPE OF PUMP USED (for test)	
MICKA 33 210 Flint Rock 210 215	MAIN Nominal diameter Total depth CASING top (main) casing of main casing	A air P piston T turbine	
MICKA 116 310	TYPE (nearest inch)! (nearest foot)	C centrifugal R rotary O (describe	
Oct 17 2	60 61 63 64 66 70	J jet S submersible	
Tim Ke	C OTHER CASING (if used) A diameter depth (feet) inch from to	27 27	
	C	DRILLER INSTALLED PUMP YES (CIRCLE) (YES or NO)	
	N G	IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.	
	screen type SCREEN RECORD Or open hole COLT DID	TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O)  29	
40+	or open hole ST BRASS BRONZE HOLE HOLE	IN BOX 29.  CAPACITY:	
Well Report	code below PL OTHER	(to nearest gallon) 91 35	
	C 2 DEPTH (nearest ft.)	PUMP HORSE POWER PUMP COLUMN LENGTH	
NUMBER OF UNSUCCESSFUL WELLS:	= 12HO 26 310	(nearest ft.)	
WELL HYDROFRACTURED Y	E 8 9 11 15 17 21 C 2	CASING HEIGHT (circle appropriate box and enter casing height)	
CIRCLE APPROPRIATE LETTER  A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED	H 23 24 26 30 32 36	49 LAND SURFACE (nearest)	
E ELECTRIC LOG OBTAINED	C 3 R 38 39 41 45 47 51 E	49 50 51 (001)	
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTE	E SLOT SIZE 1 2 3	SHOW PERMANENT STRUCTURE SUCH AS	
ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ACCAPTIONED PERMIT, AND THAT THE INFORMATION PRESENT HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF KNOWLEDGE.	OF SCREEN INCH)	BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)	
DRILLERS LIC. NO. 1 M S D / 1 2	GRAVEL PACK IF WELL DRILLED	30% Pare ling	
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	WAS FLOWING WELL INSERT F IN BOX 68 68  MDE USE ONLY	Prop Bolo Asandia	
LIC. NO.	(NOT TO BE FILLED IN BY DRILLER)  T (E.R.O.S.) W Q	Line 151 well	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	TELESCOPE LOG 74 75 76 CASING INDICATOR OTHER DATA		
DENV-CR00	COUNTÝ		

MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER A 1800 Washington Blvd., Baltimore, Maryland 212		TION	****
WATER WELL ABANDONMENT-SEALING RE	EPORT FORM	*****	*****
Name of the state	OL RB MAN		
SUBMIT COPIES OF COMPLETED FORM TO:  COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)	CIR CO		
* WELL OWNER	1	,	
MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM	2/8/06		· /-
	10102		
DATE WELL ABANDONED: 39- 2006 (month/day/year)	O.K.		
	RR		
* PERMIT NUMBER OF ABANDONED WELL (if any)	00 HO - 94 -	3945	
PERMIT NOMBER OF ABANDONED WELL (II may)			,
* PERMIT NUMBER OF REPLACEMENT WELL	HO - 94-	3545	
1		1.0	
* PERSON ABANDONING WELL: RALL E MA YELL WELL	DRILLERS LICENSE NUMBER		
and the second	CIR	CLE: MWE	MSD/MGD
* OWNER'S NAME: Trivity Builders			- •
1000000	SITE LOCATION MAP		
* WELL LOCATION: 10925 Tompkins Way			
COUNTI (1 -7 1 A			
NEAREST TOWN DOOG STOCK TAX MAP DO BLOCK 23 PARCEL 302		10 .	
SUBDIVISION: The fresence At wavery GLEN	foundaries was	300	
SECTION: LOT: 5	ALINS WAY	-780	
NEAREST ROAD: Jomekins way Rt	10mil		
55			
17			
The state of the s			and the same of th
Out.	Mount De	VALI DA	
	1,000, 1,00		
- I make a control of the second of the seco			
* TYPE OF WELL BEING ABANDONED:			
DRILLEDJETTED	LOG OF SEALIN	NG MATERI	AL
BORED/AUGERED HAND DUG		FEI	ET
OTHER (specify)	MATERIAL	I	
Series (Sports)		FROM	ТО
* USE CODE:	Blue	Alia	30
	349 Stove	340	35
DOMESTIC MUNICIPAL/PUBLIC			1 25
IRRIGATION INDUSTRIAL	55 Cemat	35	2
TEST/OBSERVATIONGEOTHERMAL	Too Soil		0
. 10 4	100	2	
* TYPE OF CASING:			
STEEL PLASTIC			-50
CONCRETEOTHER (specify)			
* SIZE OF CASING: INCHES IN DIAMETER	- 1- 1- 1		-
* SIZE OF CASINO.	VOLUME OF M.	ATERIAL US	SED
* DEPTH OF WELL: 340 FEET DEEP	10 8495 Ceme		
A LIL VI TIME TO LIVE TO A			
* WAS ANY CASING REMOVED? YES NO	112-111	4.1.	
if yes, length removed, in feet:	Milles St	-	
	2 6 kin wi		
* WAS CASING RIPPED OR PERFORATED? YES NO	14 minutes (1997)	- · - ½	
	7	Color	2006
Otale programme	MWD/MSD/MGD	Day 25	
SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN LICE	NSE # CIRCLE ONE	A STATE OF THE PARTY OF	DATE

**DENV 828** JULY 1997 2) COUNTY ENVIRONMENTAL AGENCY

Page	of	
Date	6/3/04.7	132/05

# FIELD DATA SHEET HOWARD COUNTY WELL YIELD TEST

Well Permit No. Ho - 94-3945 Location of property (road) Tompkin	15 Way		
Subdivision Preserve at Waverly Glen	Lot 5 Block	Plat Se	c.
Well Driller Ralph Mayne	Owner Preserve a	- Waverly Glo	in LLC
Depth of well 3/0 P Distance of measuring point (M.P.) above Static water level (S.W.L.) below M.P.	e ground 2"	7659	. Leged
I. High rate pumping reservoir drawdown			
Time pump started 8:15	Pumping rate	15 Fpm	
Total time 15 m - to reach pumping w	ater level 58	ft. below M.I	

#### II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute in- tervals	WATER LE		PUMPING time to gallon b	fillI		TER READING used)	CALCULA (gallor minute	
8:15	29	FF	4	Sec			15	6 Pm
4	1				TesT	Striked		11 2 17
8130	58	K	4	See			15	6 Pan
8:45	58	for	4	Sec			15	6 pm
5:00	58	ph	y	Sec		. "	.15	6Pm
5:15	58	11	4	//			15	u
5130	58	1/	4	11			15	·/
9:45	58	117	4	11			15	ıį
10:00	58	fe	4	Sec			15	GAM
10:15	58	4	4	Sec			15	Gem
10:30	58	1	Ý	Sec			15	6Pm
10145	58	4	4	11			15	11
11:00	58	4	4	4			15	ч
11:15	58	ft	4	Sec		1	15	6Pm
11:30	58	M	4	Sec			15	Gru
Я (			9				-	
	. /							
	1		4					Karaket St.
	74	11/2					-/	
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		1						
		1	12					
	75 12 Table						_ g (Use)	

## HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH WATER AND SEWERAGE PROGRAM

TEL: (410)313-2640 FAX: (410)313-2648

thior mation Form for the installation of the Well Pump. Pitless Acapter, 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: S.K. Plumbing & Heating Telephone #: (410) 775-0562  Address: 1220 F.S.K. Kany  Keymor ND 21757
(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer License # and name of individual responsible for the field installation:  Name (Print):  *A licensed individual finist perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.
Name of Property Owner: Thu, h Homes Telephone #: (410) 313-6722  Subdivision: Heserve of Waverly (flu Lot #: 5 Well Tag #: HO - 74 - 3745  Site Address: 10925 Tomp Kins Way
Submersible Pump Data  Make: Value   Make: Uproble   Two piece watertight cap: Value    Model #: 7248/050 / UP   Model#: Screened, vented well cap: Yalue    Pump Capacity   5   GPM   Depth: 36   (36" min)   Cap secured to casing: Yalue    Well Yield: 12   GPM ?   NSF approved: Yalue   Conduit min 18" B.G.: Yalue    Depth of well encountered at time of pump installation: 3/5 (feet)   Conduit secured to well cap: Yalue    If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4    Torque arrestors/or Cable guards are required — Must circle one    Safety rope, if used, attached to inside of well casing with eye bolt   XS
Piping to house Type: P.E. PVC sleeved to undisturbed soil at wall penetration: Ves  PSI: Ves (160 psi min) Approximate length of sleeve (5 foot minimum): Ves
Depth of supply line: (36" min) Sleeve caulked and sealed properly: V5
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage pipling, 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    10/8/06   date
For Health Department Use Only - Not to be completed by Installer
Date Insp. Requested:  Date Insp. Approved:  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

### CERTIFICATE OF ANALYSIS



TRACE LABORATORIES

5 North Park Drive Hunt Valley, MD 21030 Telephone: 410/252-7742 Telephone: 410/584-9099 Fax: 410/584-9117

Email: tracelab@connext.net www.tracelabs.com

Maryland State Certified Water Quality Laboratory No. 318 Requester:

4105849117

Trinity Homes/TBI Homes 3675 Park Avenue Suite 301

Ellicott City, Maryland 21043

Property Sampled:

10925 Tompkins Way

County:

Lot #:

Howard

Subdivision:

Preserve @ Waverly GlenTax Map #:

5

Parcel #:

S/O Number: 61049

10 330

Report Date: December 5, 2006

**Building Permit #:** 

B00157844

Date/Time Collected: Date/Time Received:

December 4, 2006 at 9:40 am December 4, 2006 at 2:05 pm

Sample Location:

Laundry Tub Tap

Sampler ID:

7334JB

Samples Iced:

Yes

Residual Cl<sub>2</sub> <0.1 mg/L:Yes

Well Tag Number:

HO-94-3945

Well Condition:

2-Piece Cap

Satisfactory

Water Conditioning/Treatment:

Sediment Filter - Bypassed

PARAMETER	RESULT	METHOD	MCL/*SMCL		
Nitrate	<1.0 mg/L as N	SM 4500D	10 mg/L as N	Pass	
Turbidity	1.1 NTU	EPA 180.1	10 NTU	Pass	
pH	6.1 Units	EPA 150.1	*6.5-8.5 Units	***	
Sand	Negative		Negative		
Total Coliform	Absent	SM 9223B	Absent	Pass	
E.coli	Absent	SM 9223B	Absent	Pass	

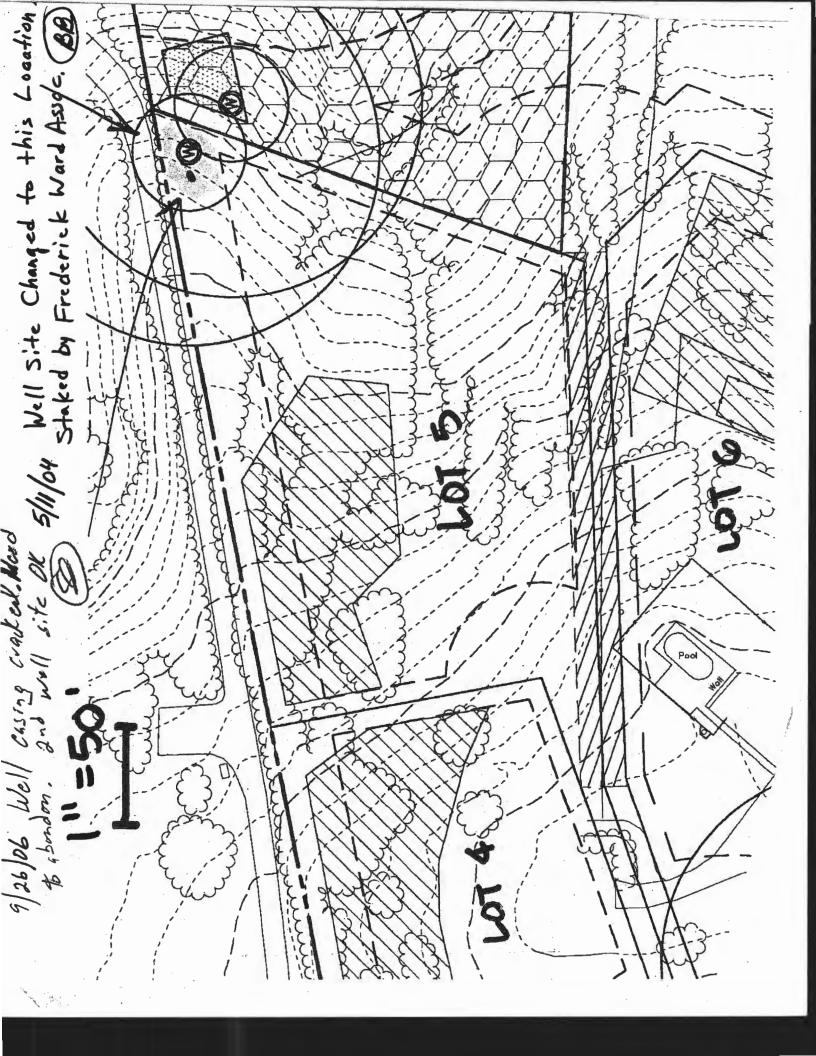
Heather R. Beam

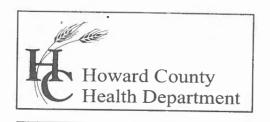
Manager-Drinking Water Testing

MCL=Maximum Contamination Level

\*SMCL=Secondary Maximum Contamination Level

\*\*\*A non-enforceable parameter that may cause cosmetic effects or aesthetic effects (such as taste, color or odor) in drinking water.





# 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

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

December 12, 2006

Trinity Homes 3675 Park Avenue Suite 301 Ellicott City, MD 21043

> RE: Preserve at Waverly Glen – Lot 5 10925 Tompkins Way BP #: B00157844 Well Permit #: HO-94-3945

#### Dear Homeowner:

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 November 28, 2006.

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-94-3945. 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 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.

Date of Water Sample(s): December 4, 2006 Date of Well Completion: September 29, 2006

Approving Authority

Brian Baker, R. S. Well and Septic Program

cc: Building Inspector's Office

File

DRILLER: REMOVE COPY AND RETAIN FOR YOUR RECORDS. RETURN COUNTY COPY TO COUNTY ENVIRONMENTAL AGENCY. SUBMIT COPY TO OWNER. RETURN ALL OTHER PARTS TO DEPARTMENT OF ENVIRONMENT, 2500 BROENING HIGHWAY, BALTIMORE, MARYLAND 21224.

	OF ENVIRON	MENT, 2	2500 E	BROEN	IING HIGHWAY, BALTIMORE, MARYL	.AND 21224.
c	1 3491	1 -	EQUENCI DE USE (		STATE OF MARYLAND WELL COMPLETION REPORT	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
(TH	2 3 IIS NUMBER IS TO BE COLS. 3-6 ON ALL CA				FILL IN THIS FORM COMPLETELY PLEASE TYPE	COUNTY (13) A514619-6
	/CO USE ONLY TE Received	DAT		COMPL	ETED Depth of Well	FROM "PERMIT TO DRILL WELL"
8 8	M DD YY	11	06 0		22 3 Y O 26 (TO NEAREST FOOT)	HO - 94 - 3945 28 29 30 31 32 33 34 35 36 37
O	WNER Prese		a+	Wave	erly Glen, LLC	
	REET OR RFD	last name	10W	okir	1 - 1	Woodstock
SU		reserv	e at	Way		LOT 5
		LL LOG I for driven w	rells		WELL HAS BEEN GROUTED (Circle Appropriate Box)	PUMPING TEST
	STATE THE KIND OF FORI COLOR, DEPTH, THICKNI	MATIONS PEN ESS AND IF W	ETRATED,	THEIR	TYPE OF GROUTING MATERIAL (Circle one)	HOURS PUMPED (nearest hour)
DE	SCRIPTION (Use litional sheets if needed)	FROM	ET TO	check if water	CEMENT CM BENTONITE CLAY BC	8 9
-	mona enous ir neococy	FHOM	10	bearing	NO. OF BAGS 48 // NO. OF POUNDS 45 /89 O	PUMPING RATE (gal. per min.)
-	Top Soil	0	2	- 1	DEPTH OF GROUT SEAL (to nearest foot)	METHOD USED TO MEASURE PUMPING RATE Bucket
					from ft. to ft	WATER LEVEL (distance from land surface)
4	Sundy	2	20		(enter 0 if from surface)  CASING RECORD	BEFORE PUMPING 35 ft.
S	And Stowe	SO	25		types insert appropriate STEEL CONCRETED	GIVEN PUMPING 105 ft.
	MICKA	25	60		code below PL	TYPE OF PUMP USED (for test)
5	Sund Stone	60	65	V	MAIN Nominal diameter Total depth CASING top (main) casing	A air P piston T turbine other
	MICKA	65	210		TYPE (nearest nch) (nearest foot)	centrifugal R rotary O (describe below)
	Clint Rock	210	215	V,	60 61 88 68 70 OTHER CASING (if used)	jet Submersible
	MICKA	91,00	24	K	fameter depth (feet) inch from to	PUMP INSTALLED
	MICKA	2013	97			DELLER INSTALLED PUMP YES NO (CIRCLE) (YES ON (NO)
	- ha alaa	· · ·	le l	/	screen type SCREEN RECORD \	IF DRILLEF PASTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.
	10 be aba	) VOOV	-0		or open hele STI BIR HIO	TYPE OF PUMP INSTALLAD PLACE (A,C,J,P.P.S, 10)
	1/26/00			4	appropriate BRONZE HOLD	CAPACITY:
				3	below PLASTIC OTHER	(to nearest pallon) 35
NI	JMBER OF UNSUCCES	SSELII WELL	S.	01	C 2 DEPTH (negrest tt.)	PUMP COLUMN VENGTH 37 41 (nearest (t.)
	ELL HYDROFRACTURE	-	yes	no	E 8 9 11 32 15 17 17 15	CASING HEIGHT (circle appropriate box and enter casing height)
Ë	CIRCLE APPR		TTER	N	Ĉ <sub>2</sub>	and ener casing height)
A	A WELL WAS ABAND WHEN THIS WELL W	ONED AND	SEALED		S C 3 36 36 36 36 36 36 36 36 36 36 36 36 3	below (nearest) foot)
E ELECTRIC LOG OBTAINED  D TEST WELL CONVERTED TO PRODUCTION					F 38 39 41 45 47 E SLOT SIZE 1 2 3	49 50 51
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND			CONSTRUCT	TION" AND	N DIAMETER (NEAREST	SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR
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.				RESENTED	OF SCREEN INCH) 56 60 INCH)	BUILDING, SEPTIME TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES  (MASSIRA MENTS TO WELL)
DRILLERS LIC NO. M SD 1				2	GRAVEL PACK	Ings .
	DRILLERS SIGNATURE		Lynn		WAS FLOWING WELL INSERT F IN BOX 68 68	1 1 20
	(MUST MATCH SIGNATUR	E ON APPLICA	ATION)		MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)	- 1000
	LIC. NO. 1	eme		- '	T (E.R.O.S.) W Q	\$ 200 well €

74 75 76

SITE SUPERVISOR (sign, of driller or journeyman

SEQUENCE NO.	STATE OF	MARYLAND		STATE PERMIT NUMBER	
(MDE USE ONLY)			111	011 2011	
2 3 6		DRILL WELL	HC	1 -77 -3945	
The state of the s	519 59 9please pr	int or type	70 ti	Ill in this form completely 79	
Date Received (APA)	V Total Company	B 3 //	LOCATION	OF WELL	
OWNER INFOR	RMATION	HOWAN	el .		
8 My DD YY 13		8 COUNTY		21	
Reserve At WAVERL	4 GLEN	the Presen	rue at	WAVERLY GLEN	
15 Last Name Owner	First Name 34	23 SUBDIVISION		4:	2
3675 PARK AU	E	OFOTION 1	10-15		
36 Street or RFD	55	SECTION 44 46	LOT L	50	
ELLICOTT CAMINO	21043	Le mondate	al V		
	72 Zip 76	52 NEAREST TOWN			
DRILLER INFORMATION	72 25 70	SE WEATER TOWN			
Dille III		MILES FROM TOWN (er	nter 0 if in town)	M 1	. 14
CAGht. PHAyue	MSDIII	B 4		73 76 77 78	
Driller's Name	6 License No. 81	1 2	-	aution litera	
KABLE. MAYNE I	ne	DIRECTION OF WELL FROM	700	TRING WAY	ا اد
Firm Name		TOWN (CIRCLE BOX)	. 11	NEAR WHAT ROAD	30
17024 HANNEY VID. MY HI	1 CC12 GM Pr	N N	ON WHI	CH SIDE OF ROAD NOR	тн
Address	3	NW 8 NE		APPROPRIATE BOX)	
161 8 They	9-18-03	8-9		WEST C	-
Signature	Date	W TOWN E		34 50 37 SOU	
B 2 WELL INFORMATION		8		DISTANCE FROM ROAD	4
1 2 APPROX. PUMPING RATE			'	ENTER FT OR MI 38	39
(GAL. PER MIN.)	500			10 BLK 23 BARCEI 30	04
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14	20	8=9	TAX MAP:	BLK: 23 PARCEL 7	02
USE FOR WATER (GIRCLE AP		NOT	O BE FILLE	D IN BY DRILLER	7
OSE FOR WATER (GIRCLEAF	PHOPHIATE BOX)			MENT APPROVAL	
DOMESTIC POTABLE SUPPLY & RESIDEN	NTIAL	11:00 16	10)	1 = 1/1/ 19	
IRRIGATION		Howard	13) 1	1017617	
F FARMING (LIVESTOCK WATERING & AGR	ICULTURAL	STATE		COUNTY NO.	
		SIGNATURE		INSERT S	_
22 I INDUSTRIAL, COMMERICIAL, DEWATERIN	NG .	DATE ISSUED	. 0	1 -1 1 41	
P PUBLIC WATER SUPPLY WELL		5/11/2004 10	ruan B	aber 5/11/2005	
T TEST, OBSERVATION, MONITORING		43 MM DD YY 48	CO SIGN	4	
		NORTH 542	0 0 0 GR	B 832 000	.
G GEO-THERMAL		50	55	57 63	
		SHOW MAJOR FEATUR	ES OF	613/04	
APPROXIMATE DEPTH OF WELL	FEET	BOX & LOCATE WELL			
APPROXIMATE DEFTH OF WELL 24.	28	WITH AN X		No Insp (50)	
APPROVIMATE DIAMETER OF WELL 64	NEAREST	SOURCES OF DRILLING	WATER		
APPROXIMATE DIAMETER OF WELL	INCH	1. well		Wellste	
METHOD OF DRILLING	(circle one)	2.			
BORED (or Augered) JETTED	Jetted & DRIVEN	3.			1
				(PS)	
	ROTARY (Hydraulic Rotary)	WRITE THE BOX NUME	BER		
CABLE REVerse-ROTary	DRive-POINT	FROM THE MAP HERE		× × ′ ×	1
other		5/8	220	@ 9/26/00 Wella	asine
REPLACEMENT OR DEEPE	NED WELLS	E	المدال	000 0	1
(CIRCLE APPROPRIATE	BOX)	830	HIM	000 toronginal we	11
THIS WELL WILL NOT REPLACE AN EXIST	NG WELL	N	272	cracked 202000	Co
THIS WELL WILL REPLACE A WELL THAT	WILL BE	DRAW A SKETCH BELC			some
ABANDONED AND SEALED		RELATION TO NEARBY		/ A A Month	+
S THIS WELL WILL REPLACE A WELL THAT I		DISTANCE FROM WELL	. TO NEAREST	HOAD JUNCTION T	ALA
AS A STANDBY-CONTACT LOCAL APPROV	ING AUTHORITY		-		
D THIS WELL WILL DEEPEN AN EXISTING W	ELL				
PERMIT NUMBER OF WELL TO BE REPLACED OF				ue.	K
(IF AVAILABLE) 41	52	N	Ton	Kinsway No	9
National Control of the Control of t	OUNTY LICE ONLY	An.		Con	
Not to be filled in by driller (MDE OR C	OUNTY USE UNLY)	TRt,		-30,	
APPROP. PERMIT NUMBER #02003	GAP 005 (01)	99 Man	1		
ALTROP. PERIVIT NUMBER 54	63		T De		
HO -	94-3945		9	1 0	1
PERMIT No. 70 71 7	2 73 74 75 76 77 78 79		THE DEWA	UR	
SPECIAL CONDITIONS			1	€	
NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =			a ring to the	- West	

2 COUNTY

DENV-Permit 97

Review	

Page	of	_
Date	Jun 3 2000	1

# FIELD DATA SHEET HOWARD COUNTY WELL YIELD TEST

Location of pro	HO - 94-394, perty (road)	Tomokins	Way		
Subdivision Pro	serve at Waver	lu Glen Lot	5 Block	Plat Se	c.
Well Driller	Ralph Mayne	Owne	r Preservea	+ Waverly Gle	n. LLC
Distance	well 390 of measuring point ater level (S.W.L.)				
I. High rate	pumping reservoi	r drawdown			
Time pump Total tim	started 836 e 15 min to rea	nch pumping water	Pumping rate level /05	JO GPM ft. below M.P	

II. Recovery pump test data - observations to be recorded every 15 minutes

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)
81,30	35 fm	6 Sec		10 6PM
, '			Test Stanfed	
8:45	105 FB	15 Sec		y SAM
5:00	105 ke	15 See		4 gm
9:15	105 14	15 Sec		4 SAM
5:30	105 4	15 4		4 11
5:45	105 11	15 ",		4 4
10:00	105 11	15 4		4 11
10:15	105 fc	15 See		4 GPM
10:30	105	15 See		4 Gpm
10:45	105 K	15 Sec		4 GPM
11:00	105 11	15 9		9 . 4
11:15	105 4	15 4		4 4
. 11:30	105 PM	15 See		4 GPM
11:45	105 A	15 Sec		4 GPM
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