c 1 15943		E USE C		STATE OF MARYLAND	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
1 2 3 (THIS NUMBER IS TO BE PI IN COLS. 3-6 ON ALL CARD				WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE	COUNTY A-52-6669
ST/CO USE ONLY DATE Received		WELL	COMPL	ETED Depth of Well	PERMIT NO. FROM "PERMIT TO DRILL WELL"
MM DD YY 8 13	15	0 2	2 0	22 26 V 20 (TO NEAREST FOOT)	G b Ob 28 29 30 31 32 33 34 35 36 37
OWNER	nd 1	man	leting	Consultants	TT
STREET OR RFDSUBDIVISION	5885 1411	LLE	eap	TOWN CONTRACTOR SECTION	LAT I
WELL	LOG			GROUTING RECORD Yes no	C3
Not required to			THEIR	WELL HAS BEEN GROUTED (Circle Appropriate Box)	1 2 PUMPING TEST
STATE THE KIND OF FORMAT COLOR, DEPTH, THICKNESS DESCRIPTION (Use	AND IF WA		check	TYPE OF GROUTING MATERIAL (Circle one) CEMENT C M BENTONITE CLAY B C	HOURS PUMPED (nearest hour)
additional sheets if needed)	FROM	то	if water bearing	NO. OF BAGS 46 16 NO. OF POUNDS 45 450	PUMPING RATE (gal. per min.)
Top Soil	0	2		GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot)	METHOD USED TO Sucket 15
CLAY	2	12		from 48 TOP 52 ft. to 54 BOTTOM 58 ft. (enter 0 if from surface)	WATER LEVEL (distance from land surface)
Study	12	50	U	casing CASING RECORD	BEFORE PUMPING 5 ft.
SANd Start	50	55		types insert appropriate STEEL CONCRETE	WHEN PUMPING 22 25 ft.
MICKA	55	105		code below PEASTIC OTHER	TYPE OF PUMP USED (for test) A air P piston T turbine
SANDONE	105	110	V	MAIN Nominal diameter Total depth CASING top (main) casing of main casing TYPE (nearest inch)! (nearest foot)	27 27 27 other
Micka	110	225		60 61 63 64 66 70	27 27 below)
SAN Stone	225	230	1	E OTHER CASING (if used) A diameter depth (feet)	J jet S submersible
MICKA	230	300		inch from to	PUMP INSTALLED DRILLER INSTALLED PUMP YES NO
				s N G	(CIRCLE) (YES or NO) IF DRILLER INSTALLS PUMP, THIS SECTION
		= 3		screen type SCREEN RECORD	MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED
				or open hole ST BR HO	PLACE (A,C,J,P,R,S,T,O) 29 IN BOX 29. CAPACITY:
				appropriate code below BRONZE PL OT	GALLONS PER MINUTE (to nearest gallon) 31 35
				PLASTIC OTHER	PUMP HORSE POWER 37 41
NUMBER OF UNSUCCESSE	UL WELLS)_	C 2 DEPTH (nearest ft.)	PUMP COLUMN LENGTH (nearest ft.)
WELL HYDROFRACTURED		Y (N	E 1 8 9 11 15 17 21	CASING HEIGHT (circle appropriate box and enter casing height)
CIRCLE APPROP A WELL WAS ABANDON				H 2 23 24 26 30 32 36	LAND SURFACE
WHEN THIS WELL WAS	COMPLETE			C 3 R 38 39 41 45 47 51	below below foot)
P TEST WELL CONVERTED				E E SLOT SIZE 1 2 3	LOCATION OF WELL ON LOT
I HEREBY CERTIFY THAT THIS WE ACCORDANCE WITH COMAR 26.04. IN CONFORMANCE WITH ALL CON CAPTIONED PERMIT, AND THAT THEREIN IS ACCURATE AND CONKNOWLEDGE.	04 "WELL CO DITIONS STA THE INFORM	NSTRUCTI TED IN TH ATION PRE	ON" AND E ABOVE ESENTED	DIAMETER (NEAREST INCH) 56 60 from to	SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)
DRILLERS LIC. NO. 1	Sp	11)	/	GRAVEL PACK	Ext Drue way Ext
DRILLERS SIGNATURE (MUST MATCH SIGNATURE O	N APPLICAT	ION)		WAS FLOWING WELL INSERT F IN BOX 68 68 MDE USE ONLY	Pend vell 125' 500 House
LIC. NO.	ul		7	(NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72	
SITE SUPERVISOR (sign. or responsible for sitework if diff				TELESCOPE LOG 74 75 76 CASING INDICATOR OTHER DATA	
DENV-CR00	120	1271		COUNTY	

B 1 0597 SEQUENCE NO. (MDE USE ONLY)		MARYLAND	STATE PERMIT NUMBER
1 2 3 6		ERMIT TO DRILL WEL	111111111
	527293 pleas	se type	⁷⁰ fill in this form completely ⁷⁹
Date Received (APA) OWNER INFORM 8 MM DO YY 13 LAND MALLET OWNER 15 Last Name Owner	RMATION Ltants Inc. First Name 34	8 COUNTY 8 COUNTY 23 SUBDIVISION	LOCATION OF WELL 21 LEY Parp. 42
15950 M. AUE 10 36 LIS Bon M. 21 57 Town 70 State		SECTION L 44 46	LOT 1 48 50 UILLE 71
	M S D //2 76 License No. 81	MILES FROM TOWN (en	73 76 77 78
Firm Name 17024 Handy M.M. Address	THE + Aing MA. 21771	DIRECTION OF WELL FROM TOWN (CIRCLE BOX)	ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
Signature B 2 WELL INFORMATION APPROX. PUMPING RATE — (GAL. PER MIN.)	Date 5	W TOWN E 8	34 37 SOUTH DISTANCE FROM ROAD ENTER FT OR MI 38 39
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 USE FOR WATER ICIRCLE AR	3 00	8-9 S 8-9 8 NOT T	O BE FILLED IN BY DRILLER
DOMESTIC POTABLE SUPPLY & RESIDER IRRIGATION F FARMING (LIVESTOCK WATERING & AGF IRRIGATION		COUNTY NAME STATE SIGNATURE	COUNTY NO.
P PUBLIC WATER SUPPLY WELL T TEST, OBSERVATION, MONITORING G GEO-THERMAL	NG	DATE ISSUED 43 MM DD YY 48 NORTH	CO \$IGNATURE EXP. DATE 1 0 0 0 GRID 57 63
APPROXIMATE DEPTH OF WELL	28 FEET NEAREST INCH	SHOW MAJOR FEATURE BOX & LOCATE WELL . WITH AN X SOURCES OF DRILLING 1.	
METHOD OF DRILLING BORED (or Augered) 30 AIR-ROTary AIR-PERcussion 37 CABLE Other	Jetted & <u>DRIVEN</u> ROTARY (Hydraulic Rotary) DRive-POINT	2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE	Soughe collected
REPLACEMENT OR DEEPLE (CIRCLE APPROPRIATE THIS WELL WILL NOT REPLACE AN EXIST THIS WELL WILL REPLACE A WELL THAT ABANDONED AND SEALED	E BOX) ING WELL		000 (CW) 000 W SHOWING LOCATION OF WELL IN
39 S THIS WELL WILL REPLACE A WELL THAT AS A STANDBY-CONTACT LOCAL APPROVE FOR POLICY ON STANDBY WELLS THIS WELL WILL DEEPEN AN EXISTING WELLS	/ING AUTHORITY /ELL	DISTANCE FROM WELL	TOWNS AND ROADS AND GIVE TO NEAREST ROAD JUNCTION SHELL 50 SHELLAROS LA.
PERMIT NUMBER OF WELL TO BE REPLACED OF (IF AVAILABLE) 41	52 COUNTY USE ONLY) - G - 95_ /2/3	N A	
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -	72 73 74 75 76 77 78 79	must b	e abondonel &

Page	of			
Date	04	22	2007	

FIELD DATA SHEET HOWARD COUNTY WELL YIELD TEST

Location of Subdivision	manilley Prog	Lot I Block	Plat Sec.
Well Driller	RALPH MAYNE	Owner Land Manker	ring Consultants
Dista	n of well 300 ance of measuring point (M. ic water level (S.W.L.) bel		
I. High ra	ate pumping reservoir dr	awdown	
	oump started 8:30	Pumping rate _ pumping water level 45	15 GPM

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 \$\frac{1}{2}\$ gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8130	25 K	4 Sec		15 GM
8:45	45 Fr	7 Sec		8.5 GPM
9:00	45 K	2 Sec		8.5 GM
9:15	45 FF	7 Sec		8'5 GPU 8'5 KMs
9:30	45 11	2 "		8,2 "
5:45	45 1,	> "		8.5
10:00	45 11) ',		8-5 ',
10:15	45 A	7 Sec		8.5 GPM
10:30	45 Kr	7 sec		815 CM
10145	45 11	7 Sec		8:5 Am
11:00	45 "1	7 "		8.5 "
11:15	45 "	> "		8.5 "
11:30	45 R	7 Sec		gis GAL
11:45	45 A	7 Sec		8.5 CPM
SE GALLEN		7 9 9		
			ECONOMIC DESCRIPTION	
March Control of the	A STATE OF THE STA			



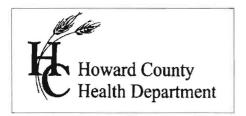
WELL EXHIBIT MARILLEY PROPER

LOT 1

ZONED: RC-DEO
TAX MAP No. 20 GRID No. 10 PARCEL No. 1
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
DATE: July 5, 2007
A* 526669
SHEET 1 OF 1

F15HER, COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE ELLICOTT CITY, MARYLAND 21042 (410) 461 - 2855



7178 Columbia Gateway Dr., Columbia, MD 21046

(410) 313-2640 TDD (410) 313-2323 Fax (410) 313-2648 Toll Free 1-866-313-6300

website: www.hchealth.org

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

TO ALL INTERESTED PARTIES

When submitting a well application for a proposed well for new construction, please indicate one of the following:

Well Sit	e Location:		
N	Marilley Property	Sheppard Lane	
Subdivision/Property Name		Lot #	Road Name
X	The well site has been staked (professional land surveyor or coron 05/30/07	mpany emple	Fisher, Collins & Carter, Inc. Dying professional land surveyors) I does not require a site inspection.
			o verify the proposed well site
	et, along with two copies of a een well permit application.	n acceptab	le well site plan, must be attached

Revised 3/11/07



Bureau of Environmental Health 7178 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

November 27, 2007

Landmarketing Consultants, Inc. 15950 N. Ave. P.O. Box 482 Lisbon, MD 21765

RE:

Marilley Property Well Tag: HO-95-1213

To Whom It May Concern:

A sample was collected from a yield test October 22, 2007 and submitted to the Department of Health and Mental Hygiene 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 2.0 ± 1.0 picocuries/liter (pCi/L); while the Gross Beta level was 3.0 ± 2.0 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.

Sincerely

Bert Nixon, Directo

Bureau of Environmental Health

cc: Eric Dougherty, MDE Water Mgmt., Groundwater / Well & Septic File

	Report To:		oratories Administration	. •	
	Sect Alixa		nvironmental Chemistry		·
	<u> </u>		ON LABORATORY		
			et, Baltimore, Maryland		
			Boy, Dr. P.H., Direct		+6
		LABORATORY	ANALYSIS REC	UEST	
Samp	ole Bottle No. A: 160 -9	5-/2/3 No. B:			
Plant	Site Name: Modily	Prope -	· 	County: Hon	rered
Samp	ole Source: 5084	Stepperd L	Location:	HO-95-1	2/3
Coun		Plant No.]
	cing Water CN N	ommunity on-community rivate ther	Source (raw water) Distribution (treated) MCL	Emergen Routine Recheck Special	cy
	ctor: K, Wolf Collected: 10 1221		Telephone No: Time Collected	<u>410-3)3</u>	2-2645 p.m.
	Acid Preserved: Yes		Iced: Yes C		
				I NO E	(
Subm	nitters Code:	Federal Project:	Field Data: _	pH Ch	lorine
Rema	orks: Sample	collected	1 end		dd
/	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Reported
1	Gross Alpha	4000	0929	2±1	10/24/07
	Gross Beta	4100	0929	3 ± 2	4
	Radon-222 Bottle A	4004			,
	Radon-222 Bottle B	4004			
	Field Blank A	4004			
	Field Blank B	4004			,
	Tritium				
$\overline{}$					
	Ra - 226	4020			
	Ra - 226	4020			
			,		
	Ra - 228	4030			
	Ra - 228 Total Uranium	4030	7. 5. 27. 2520		
	Ra - 228	4030	745:6298:2020		

FORM REVISED 02/06 DHMH 4540 02/06

1800 Washington Blvd., Baltimore, Maryland 2123	00 (410) 337-3764 **********	******	******	*****
WATER WELL ABANDONMENT-SEALING RE	PORI FORM	*****	******	*****
MIT COPIES OF COMPLETED FORM TO: COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed) WELL OWNER MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM				a, As
WELL ABANDONED: 30 208 (month/day/year)				
MELL ADAMONED.	Well the state of			
	14			
PERMIT NUMBER OF ABANDONED WELL (if any)		0		
PERMIT NUMBER OF REPLACEMENT WELL	140 -	25-	1213	-
D.11. 6 Mar.			1/5	1
	DRILLERS LICEN		ER: IRCLE: MWI	MACIN
OWNER'S NAME: LAND MARKETING CONSULTANTS	-		IRCLE. WIWI	JIMSDI
	SITE LOC	ATION MA	P	
WELL LOCATION: HOWARD		No.		
NEAREST TOWN: CLARKS VILLE	- 1		1	
NEAKENT TOWN			10	
		TENENT YEAR	SHA	Cr.
TAX MAP 28 BLOCK 18 PARCEL 21		High and	SHE	CANOS
SUBDIVISION: MAKILLEY PARCEL	[64]		SHE	CAMOS LA
SUBDIVISION: MAKILLEY PARCEL	(6+)	(&	SHE	CAMOS LA
TAX MAP Z8 BLOCK PARCEL SUBDIVISION: LOT: LOT: LOT:	Text Page	\ @	SHO	CAMOS
SUBDIVISION: BLOCK PARCEL SUBDIVISION: LOT: LOT: LOT: LOT: LOT: LOT: LOT: LOT	Ext layer	() (B)	SHO,	CAMOS LA
SUBDIVISION: BLOCK PARCEL SUBDIVISION: LOT: LOT: LOT: LOT: LOT: LOT: LOT: LOT	Cat along	\ 3\	SHO,	CAMOS LA
SUBDIVISION: BLOCK PARCEL SUBDIVISION: LOT: LOT: LOT: LOT: LOT: LOT: LOT: LOT	Leanon L	(3)	SHO,	CAMOS
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SUBDIVISION: WHE ILLEY ROSS SECTION: LOT: LOT: NEAREST ROAD: SHEPPARUS CAME 5085 SHEPPARUS LAWE	Lean Oar Lean Lean Lean Lean Lean Lean Lean Lean		SHO.	CAMOS LA
TAX MAP _ 28 BLOCK _ PARCEL _ SUBDIVISION: _ LOT: _ SECTION: _ LOT: _ NEAREST ROAD: _ SHEPPARUS CHUE _ SORS SHEPPARUS LAWE _ STORE _	rear les	G OF SEAL	SHO,	\
TAX MAP _ BLOCK _ PARCEL _ SUBDIVISION: _ LOT: _ SECTION: _ LOT: _ NEAREST ROAD: _ SHEPPARUS LAWE _ SO 8 SHEPPARUS LAWE _ DRILLED _ JETTED	rear les	G OF SEAL	ING MATERI	IAL
TAX MAP	Isanoar Lo	G OF SEAL	eut V	IAL
TAX MAP _ Z& BLOCK _ PARCEL _ SUBDIVISION: _ LOT: _ SECTION: _ LOT: _ NEAREST ROAD: _ SHEPPARUS LAWE _ SO 8 SHEPPARUS LAWE _ TYPE OF WELL BEING ABANDONED: DRILLED _ JETTED	Isanoar Lo	1	ING MATERI	IAL
TAX MAP	LO MATI	ERIAL	ING MATERI FE FROM	AL ET TO
TAX MAP	LO MATI	ERIAL	ING MATERI	IAL ET
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TAX MAP	LO MATI	ERIAL	ING MATERI FE FROM	AL ET TO
TAX MAP	LO MATI	ERIAL	ING MATERI FE FROM	AL ET TO
TAX MAP	LO MATI	ERIAL	ING MATERI FE FROM	AL ET TO
TAX MAP BLOCK PARCEL SUBDIVISION: LOT: LOT: LOT: NEAREST ROAD: SHEPPARUS CHUE TYPE OF WELL BEING ABANDONED: DRILLED JETTED HAND DUG OTHER (specify) USE CODE: DOMESTIC MUNICIPAL/PUBLIC IRRIGATION INDUSTRIAL TEST/OBSERVATION GEOTHERMAL TYPE OF CASING:	LO MATI	ERIAL	ING MATERI FE FROM	AL ET TO
TAX MAP	LO MATI	ERIAL	ING MATERI FE FROM	AL ET TO

CIZE OF CACING.

SIZE OF CASING: _____ INCHES IN DIAMETER

DEPTH OF WELL: FEET DEEP

WAS ANY CASING REMOVED? ____ YES _____ NO if yes, length removed, in feet: _____

WAS CASING RIPPED OR PERFORATED? ___ YES ____ NO

MWD/MSD/MGD Jane 30 200 9

VOLUME OF MATERIAL USED

	MARYIAND DEPARTMENT OF THE ENVIRONMI 1800 Washington Blvd., Baltimore			ATION	
***	1000 vasimigton 2	*******	*****	*****	*****
	WATER WELL ABANDONMENT	-SEALING REPO	RT FORM		
CTTO	CT COMPLETED FORM TO				
20RV	AIT COPIES OF COMPLETED FORM TO: COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if add	ress needed)	¥.		
*	WELL OWNER	•			
*	MDE, WATER MANAGEMENT ADMINISTRATION, WELL PRO)GRAM	*		, ~
DATE	WELL ABANDONED: Trace 30 2009 (month/da	ny/year)	8.		
	PERMIT NUMBER OF ABANDONED WELL (if any)		799 — —	i	
*	TERMIT HOMBER OF ABANDONED WEED (II mig)		12		
*	PERMIT NUMBER OF REPLACEMENT WELL	<u>Ý</u>	40 -95 -	121	3
	PERSON ABANDONING WELL: PAGE MAPLE			7.7	್ಷ
*			ILLERS LICENSE NUMBI	RCLE: MW	D/MSD/MG
*	OWNER'S NAME: LAW MANKETING CONSULTING	15			·
		50.40	SITE LOCATION MAI	·	
*	WELL LOCATION:	A 21		į	200
	COUNTY: TOWN: CARREST TOWN:	HERELL		15%	
	TAX MAP BLOCK PARCEL	(2)		1	Part Anna
	SUBDIVISION: MARILLEY PANT	5 ·	12	3	Errands CA
	SECTION: LOT:	(4)	1371	1	}
	NEAREST ROAD: The Phases Line.	€	May 1	1	
	STORY SHERPANDS CA.		1 %	(3)	1
			7 \	Ext.	\wedge
			of the same of		and the second
	TYPE OF WELL BEING ABANDONED:				
*	THE OF WELL BEING ABANDONED.		LOG OF SEAL	NC MATERI	AT
	DRILLEDJETTED	, , ,	LOG OF SEALS	ING MATERI	
	BORED/AUGEREDHAND DUG	* *	MATERIAL	FE	ET
æ	OTHER (specify)			FROM	то
#	USE CODE:		C 1	/ಎಲ	9
	2		TBP Soil	100	\$
	DOMESTIC MUNICIPAL/PUBLIC		TBP Soil	5	3
	IRRIGATION INDUSTRIAL TEST/OBSERVATION GEOTHERMAL	•		• • • • • • • • • • • • • • • • • • •	
	GEOTIERWAL				
*	TYPE OF CASING:		*	531	
		8			
	STEEL PLASTIC OTHER (specify)	9			
	CONCRETE OTHER (specify)		ř	ŧ	
	* ti		***	a.	
•	SIZE OF CASING: INCHES IN DIAMETER	* 1	VOLUME OF M	IATERIAL U	SED
	DEPTH OF WELL: 100 FEET DEEP			14	
•	DEFIN OF WELL FEET DEEP		15 BAYS CE	and the said	
·	WAS ANY CASING REMOVED? YES NO				
	if yes, length removed, in feet:				
	WAS CASING DIDDED OF DEPENDANCED VICE NO.	_		14	
*	WAS CASING RIPPED OR PERFORATED? YES NO	, 158	_ lorone_te		
	the to play more	<u> </u>	MWD/MSD/MGI) James 5	102005

SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN LICENSE # CIRCLE ONE JULY 1997

DATE