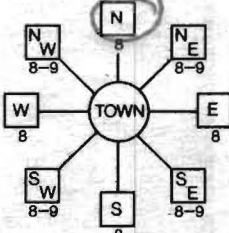
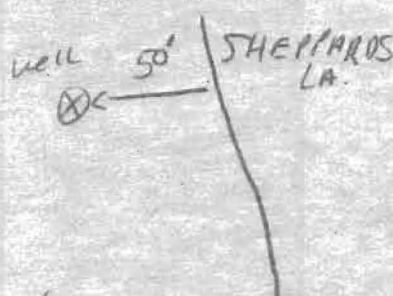
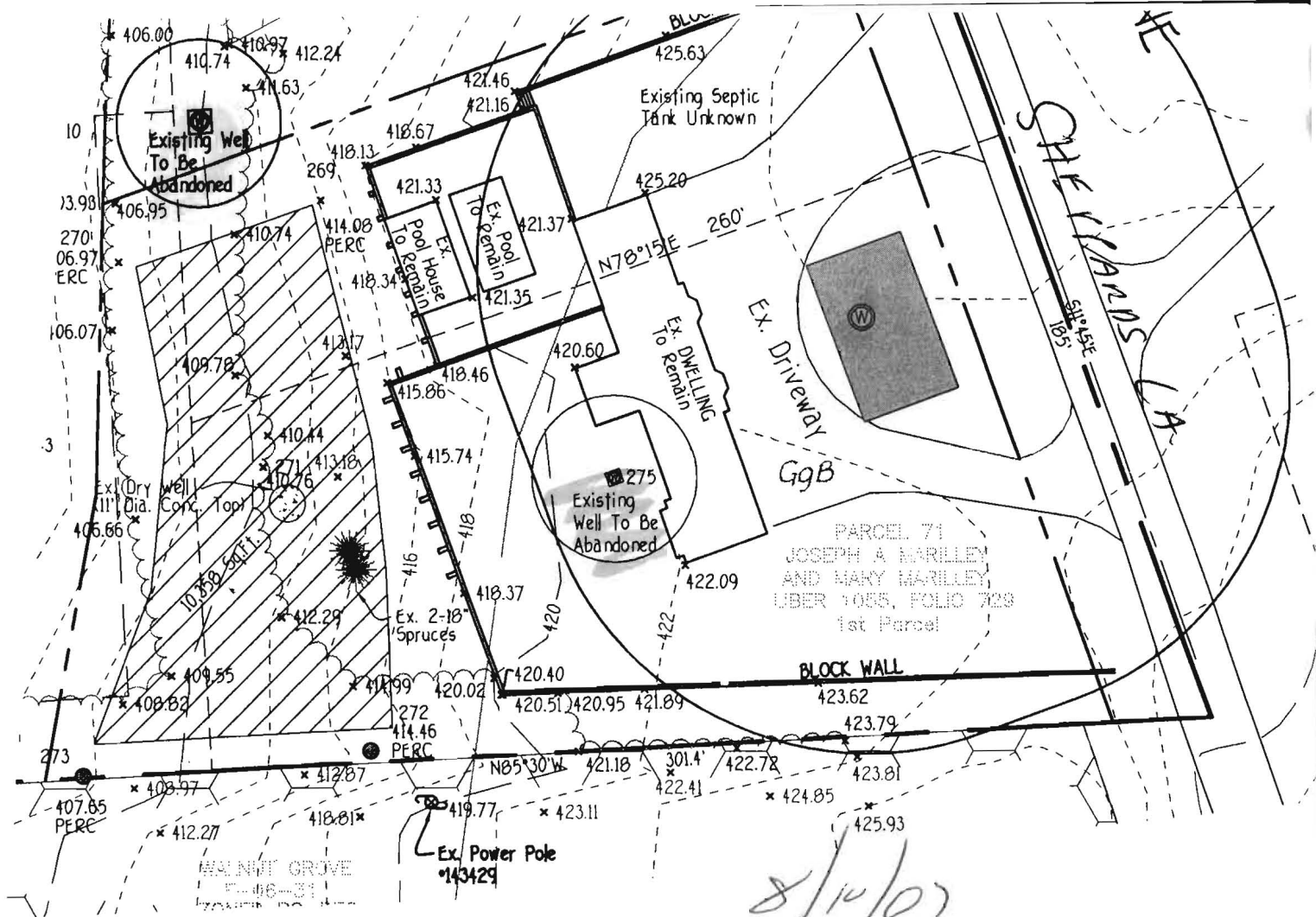


B 1	0597	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 527293 please type	STATE PERMIT NUMBER <u>HO-95-1213</u> fill in this form completely
Date Received (APA) 8 MM DD YY 13		OWNER INFORMATION 15 Last Name Owner First Name 34 <u>Land Marketing Consultants Inc</u> 36 <u>15950 W. AVE PO BOX 482</u> Street or RFD 55 <u>Lis Bon MD 21765</u> 57 Town 70 State 72 Zip 76		
DRILLER INFORMATION Driller's Name 76 License No. 81 <u>RAYL E. MAYNE M SD 112</u> Firm Name <u>RAYL E. MAYNE INC</u> Address <u>17024 Handy Rd Mt Airy MD 21771</u> Signature Date <u>[Signature] 8-8-07</u>		LOCATION OF WELL B 3 8 COUNTY <u>Howard</u> 21 23 SUBDIVISION <u>MARILLEY Prop.</u> 42 SECTION <u>44</u> 46 LOT <u>I</u> 48 50 <u>CLARKSVILLE</u> 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) <u>2</u> M 1 73 76 77 78		
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 8 12 <u>500</u> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20 <u>5</u>		B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 11 <u>SHEPPARDS LANE</u> 30 34 50 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP: <u>28</u> BLK: <u>10</u> PARCEL <u>71</u>		
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, DEWATERING <input type="checkbox"/> PUBLIC WATER SUPPLY WELL <input type="checkbox"/> TEST, OBSERVATION, MONITORING <input type="checkbox"/> GEO-THERMAL		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <u>Howard</u> COUNTY NAME <u>526669</u> COUNTY NO. STATE SIGNATURE DATE ISSUED <u>8/10/07</u> INSERT S → 43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID <u>509</u> 000 EAST GRID <u>817</u> 000 50 55 57 63		
APPROXIMATE DEPTH OF WELL <u>150</u> FEET 24 28 APPROXIMATE DIAMETER OF WELL <u>6"</u> NEAREST INCH		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. <u>well</u> 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E <u>817</u> N <u>509</u>		
METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN 30 <u>AIR-ROTary</u> AIR-PERCussion ROTARY (Hydraulic Rotary) 37 CABLE REVERSE-ROTary DRIVE-POINT other		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 		
REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="checkbox"/> THIS WELL WILL DEEPEEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEENED (IF AVAILABLE) 41 52		Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER <u>G</u> PERMIT No. <u>HO-95-1213</u> 70 71 72 73 74 75 76 77 78 79		
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED - <u>Ex. well must be abandoned</u>				



WELL EXHIBIT MARILLEY PROPERTY

LOT 1

ZONED: RC-DEO

TAX MAP No. 28 GRID No. 18 PARCEL No. 7

FIFTH ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

DATE: July 5, 2007

A* 526669

SHEET 1 OF 1

FISHER, 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 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Bielensohn, 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 Site Location:

<u>Marilley Property</u>	<u></u>	<u>Sheppard Lane</u>
Subdivision/Property Name	Lot #	Road Name

☒ The well site has been staked by Fisher, Collins & Carter, Inc.,
(professional land surveyor or company employing professional land surveyors)
on 05/30/07 (date) and does not require a site inspection.

☐ The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

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, Director
Bureau of Environmental Health

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

Send Report To:

State of Maryland

DHMH - Laboratories Administration

Division of Environmental Chemistry

RADIATION LABORATORY

201 W. Preston Street, Baltimore, Maryland 21201

John M. DeBoy, Dr. P.H., Director

LABORATORY ANALYSIS REQUEST

Sample Bottle No. A: HO-95-1213 No. B: _____ Field Blank Bottle No. A: _____ No. B: _____Plant/Site Name: Marilyn Prop. County: HowardSample Source: 5084 Sheppard Ln Location: HO-95-1213
(well no., lab sink, sample tap, etc.)County: ☒ ☒ Plant No. ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

CHECK (one per box)

Drinking Water ☒
Landfill ☐
Stream ☐
Other ☐Community ☐
Non-community ☐
Private ☒
Other ☐Source (raw water) ☒
Distribution (treated) ☐
MCL ☐Emergency ☐
Routine ☒
Recheck ☐
Special ☐Collector: K. WolfTelephone No: 410-313-2645Date Collected: 10/22/07Time Collected: 11:00 a.m. _____ p.m.Nitric Acid Preserved: Yes ☒ No ☐Iced: Yes ☐ No ☒Submitters Code: ☐ ☐ Federal Project: ☐ Field Data: _____Remarks: Sample collected @ end of yield. pH _____ Chlorine _____

✓	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Reported
✓	Gross Alpha	4000	0929	2 ± 1	10/24/07
✓	Gross Beta	4100	0929	3 ± 2	"
	Radon-222 Bottle A	4004			
	Radon-222 Bottle B	4004			
	Field Blank A	4004			
	Field Blank B	4004			
	Tritium				
	Ra - 226	4020			
	Ra - 228	4030			
	Total Uranium	4006			

Date Received: 10/1/22/07 5:28Supervisor: 2 Abby

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

WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: June 30 2009 (month/day/year)

* PERMIT NUMBER OF ABANDONED WELL (if any)

* PERMIT NUMBER OF REPLACEMENT WELL

* PERSON ABANDONING WELL: Ralph E. Mawie

WELL DRILLERS LICENSE NUMBER: 117

CIRCLE: MWD/MSD/MGD

* OWNER'S NAME: Land Marketing Consultants

SITE LOCATION MAP

* WELL LOCATION:

COUNTY: Howard

NEAREST TOWN: CLARKSVILLE

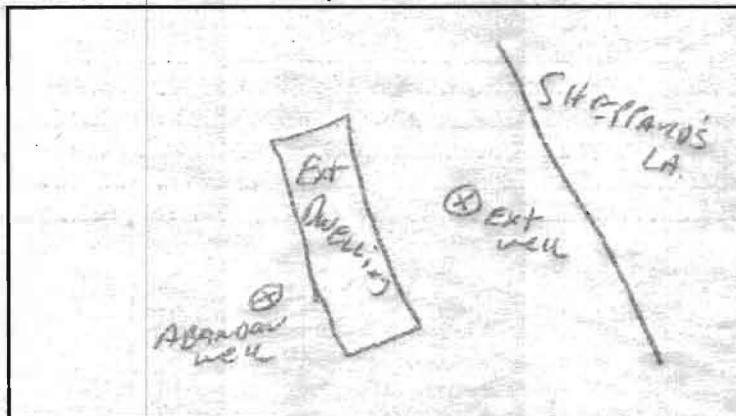
TAX MAP 28 BLOCK 18 PARCEL 21

SUBDIVISION: MARILLEY PROP

SECTION: _____ LOT: I

NEAREST ROAD: SHEPPARDS LAWE

5085 SHEPPARDS LAWE



* TYPE OF WELL BEING ABANDONED:

☒ DRILLED ☐ JETTED
☐ BORED/AUGERED ☐ HAND DUG
☐ OTHER (specify) _____

* USE CODE:

☒ DOMESTIC ☐ MUNICIPAL/PUBLIC
☐ IRRIGATION ☐ INDUSTRIAL
☐ TEST/OBSERVATION ☐ GEOTHERMAL

* TYPE OF CASING:

☒ STEEL ☐ PLASTIC
☐ CONCRETE ☐ OTHER (specify) _____

* SIZE OF CASING: 6" INCHES IN DIAMETER

* DEPTH OF WELL: 80 FEET DEEP

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

* WAS CASING RIPPED OR PERFORATED? ☐ YES ☒ NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
Cement	80	5
Top Soil	5	0
VOLUME OF MATERIAL USED		
10645 Cement		

SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN

LICENSE # 117

MWD/MSD/MGD June 30 2009

CIRCLE ONE

DATE

DENV 828 JULY 1997

2) COUNTY ENVIRONMENTAL AGENCY

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

WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: June 30 2004 (month/day/year)

* PERMIT NUMBER OF ABANDONED WELL (if any) n/a

* PERMIT NUMBER OF REPLACEMENT WELL H0 - 95 - 12-1.3

* PERSON ABANDONING WELL: PAUL E. MAYNE

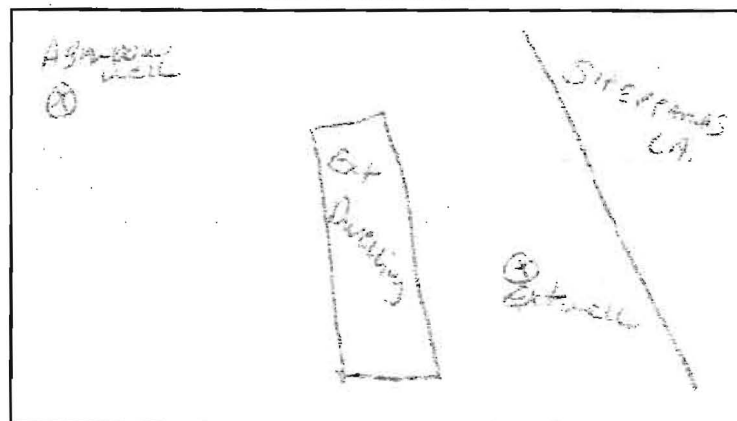
WELL DRILLERS LICENSE NUMBER: 117

CIRCLE: MWD/MSD/MGD

* OWNER'S NAME: Land Marketing Consultants

SITE LOCATION MAP

* WELL LOCATION:
COUNTY: Howard
NEAREST TOWN: CLARKVILLE
TAX MAP 28 BLOCK 18 PARCEL 21
SUBDIVISION: MARILYN PARK
SECTION: 1 LOT: 1
NEAREST ROAD: CHATELAINS LA.
5085 SIREPPAS LA.



* TYPE OF WELL BEING ABANDONED:

☒ DRILLED ☐ JETTED
☐ BORED/AUGERED ☐ HAND DUG
☐ OTHER (specify) _____

* USE CODE:

☒ DOMESTIC ☐ MUNICIPAL/PUBLIC
☐ IRRIGATION ☐ INDUSTRIAL
☐ TEST/OBSERVATION ☐ GEOTHERMAL

* TYPE OF CASING:

☒ STEEL ☐ PLASTIC
☐ CONCRETE ☐ OTHER (specify) _____

* SIZE OF CASING: 6" INCHES IN DIAMETER

* DEPTH OF WELL: 100 FEET DEEP

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

* WAS CASING RIPPED OR PERFORATED? ☐ YES ☐ NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
Cement	100	9
TOP SOIL	9	0
VOLUME OF MATERIAL USED		
15 BAGS Cement		

SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN [Signature]

LICENSE # 117

MWD/MSD/MGD June 30 2004
CIRCLE ONE DATE