

C1 3899

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 3/23/06

Depth of Well 22 600 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-95-0294

OWNER JTS CORPORATION STREET OR RFD CLARKSVILLE PIKE TOWN CLARKSVILLE SUBDIVISION MACBETH FARM SECTION LOT 27

WELL LOG Not required for driven wells

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include Topsoil, Brown Mica, Sandstone Quartz, Green Mica, Sandstone w/Quartz, Gray Mica, Green Mica, Gray Mica, Green Mica.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y) (N)

- CIRCLE APPROPRIATE LETTER: A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED, E ELECTRIC LOG OBTAINED, P TEST WELL CONVERTED TO PRODUCTION WELL

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.

DRILLERS LIC. NO.: MWD 040 DRILLERS SIGNATURE: Maurice F. Eusebio

LIC. NO.: JWD 127 SIGNATURE: Frank S. Seltzer

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 29 NO. OF POUNDS 1900 GALLONS OF WATER 174 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 53 ft.

CASING RECORD

MAIN CASING TYPE (ST) Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 61

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD

screen type or open hole (S) (BR) (HO) (PL) (OT) DEPTH (nearest ft.) HO 59 600

DEPTH (nearest ft.) HO 59 600

DEPTH (nearest ft.) HO 59 600

DEPTH (nearest ft.) HO 59 600

DEPTH (nearest ft.) HO 59 600

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DEPTH (nearest ft.) HO 59 600

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 4

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 33 ft.

WHEN PUMPING 195 ft.

TYPE OF PUMP USED (for test)

(A) air (P) piston (T) turbine

(C) centrifugal (R) rotary (O) other (describe below)

(J) jet (S) submersible

PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES (NO)

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

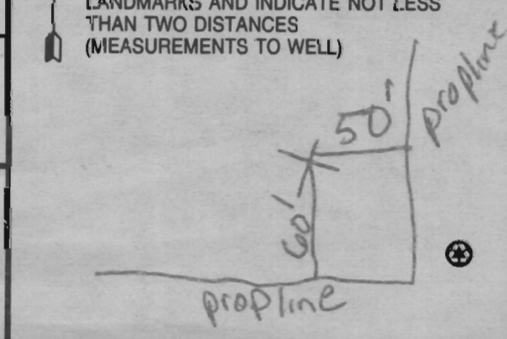
PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height)

(+) above (49) LAND SURFACE

(-) below (49) 2 (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



B 1	<b>0760</b>	SEQUENCE NO. (MDE USE ONLY)	<b>STATE OF MARYLAND</b> <b>APPLICATION FOR PERMIT TO DRILL WELL</b> 524124 please type	STATE PERMIT NUMBER <b>HO-95-0294</b> fill in this form completely
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Date Received (APA) **02 24 06**

8 MM DD YY 13

**OWNER INFORMATION 10182**

**J T S Corporation**

15 Last Name Owner First Name 34

**8808 Centre Park Drive S209**

36 Street or RFD 55

**Columbia, Md 21045**

57 Town 70 State 72 Zip 76

B 3 **Howard** LOCATION OF WELL

8 COUNTY **CC# 21**

23 SUBDIVISION **Macbeth Farm** 42

SECTION **44 46** LOT **27** 48 50

**Clarksville**

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) **1** M I 73 76 77 78

**DRILLER INFORMATION**

**George F. Easterday** **M W W D 040**

Driller's Name 76 License No. 81

**L. Franklin Easterday, Inc.**

Firm Name

**9265 Brown Church Rd., MT. Airy, Md. 21771**

Address

*George F. Easterday* **2/23/2006**

Signature Date

B 4

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

11 NEAR WHAT ROAD **Clarksville Pike (Md 108)** 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 **500+** 37 DISTANCE FROM ROAD Ft. ENTER FT OR MI 38 39

TAX MAP: **34** BLK: **18** PARCEL **190**

B 2 **WELL INFORMATION**

1 2 APPROX. PUMPING RATE **5**

(GAL. PER MIN.) 8 12

AVERAGE DAILY QUANTITY NEEDED **500**

(GAL. PER DAY) 14 20

**USE FOR WATER (CIRCLE APPROPRIATE BOX)**

DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

22  INDUSTRIAL, COMMERCIAL, DEWATERING

PUBLIC WATER SUPPLY WELL

TEST, OBSERVATION, MONITORING

GEO-THERMAL

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**

**HOWARD (13) A518543**

COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S →

DATE ISSUED **3/8/06** *Shirley A. King* **3/9/07**

43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID **495 000** EAST GRID **816 000**

50 55 57 63

APPROXIMATE DEPTH OF WELL **300** FEET

24 28

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

**METHOD OF DRILLING (circle one)**

BORED (or Augered) JETTED Jetted & DRIVEN

30 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)

37 CABLE REverse-ROTary DRive-POINT

other \_\_\_\_\_

**REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)**

THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

39  THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

THIS WELL WILL DEEPEIN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 \_\_\_\_\_ 52

**Not to be filled in by driller (MDE OR COUNTY USE ONLY)**

APPROP. PERMIT NUMBER **HO2004G008(01)**

PERMIT No. **HO-95-0294**

70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- wells**
- 
- 

WRITE THE BOX NUMBER FROM THE MAP HERE

E **810** **816**

**498** **495**

N

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION **14 E 10**

**3/28/06 y & gr yield ~ 4gpm**

**6hr test water level ~ 200' radium sample taken**

**SPECIAL CONDITIONS**

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -



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.

Company Name: Robert L. Feezer Co. Inc Telephone #: 410-781-4655  
Address: 6321 Barnett Ave,  
Sykesville, MD

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

Name (Print): Robert L. Feezer License# 2122

\*A licensed individual must 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: M.V. Homes Telephone #: 410-379-5756  
Subdivision: CLARKSVILLE OVERLOOK Lot #: 27 Well Tag #: HO-95-0299  
Site Address: 6317 Kerne Court  
CLARKSVILLE, MD 21029

Submersible Pump Data  
Make: STA-RITE  
Model #: S5P4H515221  
Pump Capacity 5 GPM  
Well Yield: 4 GPM

Pitless Adapter  
Make: Campbell  
Model #: PT 800  
Depth: 48" (36" min)  
NSF approved:

Well Cap and Electric Conduit  
Two piece watertight cap:   
Screened, vented well cap:   
Cap secured to casing:   
Conduit min 18" B.G.:   
Conduit secured to well cap:

Depth of well encountered at time of pump installation: \_\_\_\_\_ (feet)  
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

Piping to house  
Type: Poly  
PSI: 200 (160 psi min)  
Depth of supply line: 40 (36" min)

House Connection  
PVC sleeved to undisturbed soil at wall penetration:   
Approximate length of sleeve: 10'  
Sleeve caulked and sealed properly:

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: Robert L. Feezer date 7/31/08

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: \_\_\_\_\_ Date Insp. Approved: 7/28/08 BB

- Inspection Data: 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

N 556,110

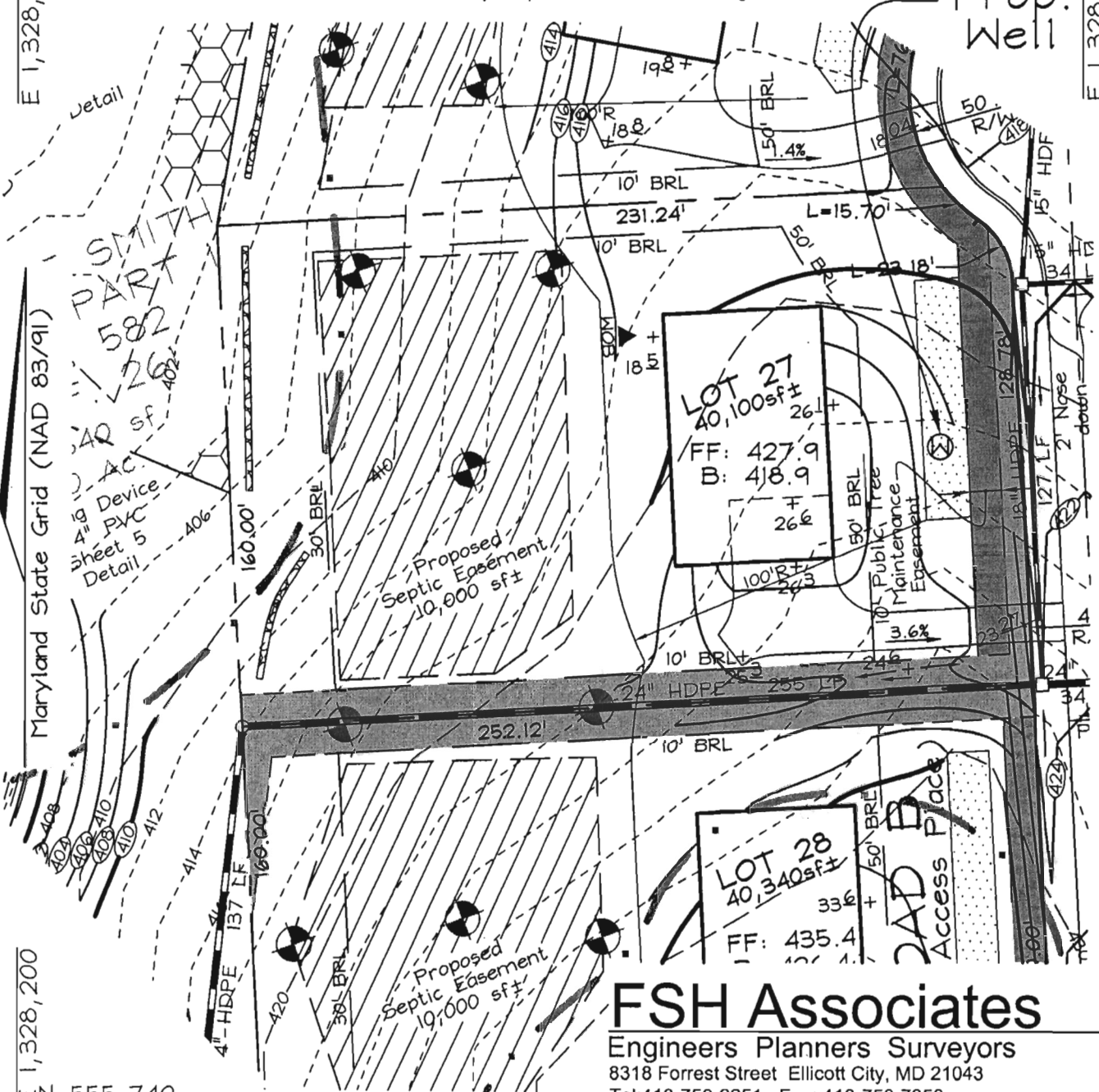
N 556,110

E 1,328,200

E 1,328,540

Note:  
The proposed well shown on this plan will be staked out in the field by FSH Associates, Professional Surveyor prior to well drilling.

Prop. Well



**FSH Associates**  
 Engineers Planners Surveyors  
 8318 Forrest Street Ellicott City, MD 21043  
 Tel: 410-750-2251 Fax: 410-750-7350  
 E-mail: info@fsha.biz

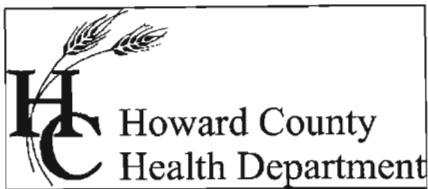
DESIGN BY: PS  
 DRAWN BY: CD  
 CHECKED BY: ZYF  
 SCALE: 1"=50'  
 DATE: Feb. 9, 2006  
 W.O. No.: 3165  
 SHEET No.: 27 OF 35

**WELL PERMIT PLAN  
 MACBETH FARM**

LOT 27

TAX MAP 34 GRID 18 & 24  
 4TH ELECTION DISTRICT

PARCEL 90  
 HOWARD COUNTY, MARYLAND



Bureau of Environmental Health  
7178 Columbia Gateway Drive Columbia, Maryland 21046-2132  
(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

September 16, 2008

NV Homes  
6085 Marshalee Drive, #130  
Elkridge, MD 21075

FAX SENT VIA FACSIMILE 410-379-2430

RE: Clarksville Overlook, Lot 27  
6317 Kerne Court  
Clarksville, MD 21029  
BP# B08000110  
Well Tag #: HO-95-0294

Dear Sir:

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 07/29/2008. Final approval of the well line connection to the dwelling was approved on 7/28/2008.**

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.

Gross Alpha and Beta samples were also collected on 03/28/2006, 8/04/2008, and 09/08/2008. The first two Gross Alpha sample results exceeded the maximum contaminant level of (MCL) of 15 pCi/L suggested by the EPA. On 09/08/2008 after a softener, reverse osmosis system and neutralizer were installed, the gross alpha results were below the maximum contaminant level. All the Gross Beta results were below the targeted value of 50 pCi/L. Samples for Radium 226/228 taken 08/04/2008 were also acceptable. At the time of the 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 and Occupancy.

**However, this treatment system must be properly operated and maintained continuously in accordance with the service contract for the life of the residence to assure future compliance.**

## 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-95-0294. 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.**

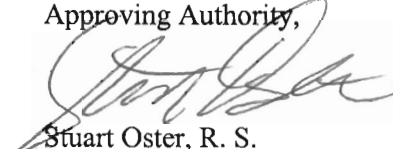
Date of Water Samples: 09/08/2008

Date of Samples for Gross Alpha & Gross Beta: 03/28/2006, 08/04/2008 & 09/08/2008

Date of Radium 226/228 Samples: 08/04/2008

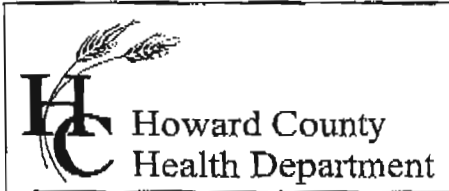
Date of Well Completion: 03/23/2006

Approving Authority,



Stuart Oster, R. S.  
Well & Septic Program

cc: Building Inspector's Office  
Community Health Services  
File



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

May 9, 2006

RECEIVED MAY 15 2006

JTS Corporation  
8808 Centre Park Drive  
Suite 209  
Columbia, Maryland 21045

RE: MacBeth Farm Lot 27  
Well Tag: HO-95-0294

To Whom It May Concern:

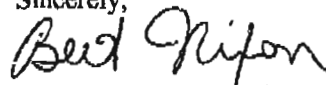
A sample was collected from a yield test on **March 28, 2006** and submitted to GPL Laboratories to assess the possible presence of **Gross Alpha** and **Gross Beta** in the future well water supply. **Gross Alpha** and **Gross Beta** measure the total alpha and beta particle activity in a water supply. These naturally occurring radioactive nuclides have been demonstrated to be present in a certain type of geologic formation known as the Baltimore Gneiss which exists in your area of development within the County.

Results from this screening revealed a **Gross Alpha** of  $90.2 \pm 3.4$  picocuries/liter (pCi/L); while the **Gross Beta** level was  $22.0 \pm 1.3$  pCi/L. The **Gross Alpha** result exceeded its maximum contaminant level (MCL) of 15 pCi/L, while the **Gross Beta** level was below its MCL of 50 pCi/L.

Since the **Gross Alpha** finding exceeded its MCL, additional testing for **Radium** will be necessary prior to occupancy to verify existing levels. Alternatively, you may install treatment designed to reduce **Gross Alpha**, **Gross Beta** and **Radium**, plus provide post treated results confirming that levels are in conformance with existing standards.

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 or to discuss additional testing requirements.

Sincerely,



Bert Nixon, Deputy Director  
Bureau of Environmental Health

cc: Eric Dougherty, MDE Water Mgmt., Groundwater  
Well & Septic property file



# Florida Radiochemistry Services, Inc.

Contact: Michael J. Naumann  
5456 Hoffner Ave., Suite 201 Orlando, FL 32812  
Phone: (407) 382-7733 Fax: (407)382-7744  
Certification I. D. # 278

Lab Sample I.D.: 0808013-03

Client Sample I.D. 69279 (6317 Kerne Ct)

Sample Date / Time: 08/04/08 14:35

### Results:

Gross Alpha:	34.5	Gross Beta:	33.7
Error +/-:	2.8	Error +/-:	1.6
MDL:	1.2	MDL:	1.3
EPA Method:	900.0	EPA Method:	900.0
Prep Date:	08/05/08	Prep Date:	08/05/08
Analysis Date:	08/06/08	Analysis Date:	08/06/08
Analyst:	MJN	Analyst:	MJN
Units	pCi/l	Units	pCi/l



# Florida Radiochemistry Services, Inc.

## Analysis Report

Lab Sample I.D.	0808013-01	0808013-02
Client I.D.	69272	69279
Radium 226	<0.2	2.5
Error +/-	0.1	0.4
MDL	0.2	0.1
EPA Method	903.1	903.1
Prep Date	08/08/08	08/08/08
Analysis Date	08/15/08	08/15/08
Analyst	MJN	MJN
Radium 226	<1.1	6.0
Error +/-	0.6	1.0
MDL	1.1	0.9
EPA Method	Ra-05	Ra-05
Prep Date	08/08/08	08/08/08
Analysis Date	08/13/08	08/13/08
Analyst	PJ	PJ
Uranium	<0.6	2.9
Error +/-	0.6	1.1
MDL	0.6	0.7
EPA Method	908.0	908.0
Prep Date	08/07/08	08/07/08
Analysis Date	08/08/08	08/08/08
Analyst Initials	MJN	MJN
Units	pCi/l	pCi/l

SEP. 15. 2008 10:24AM

NO. 420 P. 1



# Florida Radiochemistry Services, Inc.

Contact: Michael J. Naumann

5456 Hoffner Ave., Suite 201 Orlando, FL 32812

Phone: (407) 382-7733 Fax: (407) 382-7744

Certification I. D. # 278

Work Order #: 0809054  
Date / Time Received: 09/10/08 10:15  
Report Date: 09/12/08  
PO Number: 5770

Report to: Trace Labs East  
5 North Park Dr.  
Hunt Valley, MD 21030  
Attention: Allison Milburn

Lab Sample I.D.: 0809054-01

Client Sample I.D. 69669 (6317 Kerne Ct)

Sample Date / Time: 09/08/08 17:02

## Results:

Gross Alpha:	<0.9	Gross Beta:	<1.7
Error +/-:	0.6	Error +/-:	1.0
MDL:	0.9	MDL:	1.7
EPA Method:	900.0	EPA Method:	900.0
Prep Date:	09/10/08	Prep Date:	09/10/08
Analysis Date:	09/11/08	Analysis Date:	09/11/08
Analyst:	MJN	Analyst:	MJN
Units	pCi/l	Units	pCi/l

I do hereby affirm that this record contains no willful misrepresentations and that this information given by me is true to the best of my knowledge and belief. I further certify that the methods and quality control measures used to produce these laboratory results were implemented in accordance with the requirements of this laboratory's certification and NELAC Standards. The test results in this report relate only to the samples received.

Signed

  
Michael J. Naumann - President

Date 9-15-08



TRACE LABORATORIES, INC  
 A Methode Electronics, Inc. Company  
 5 North Park Drive  
 Hunt Valley, MD 21030 USA  
 Telephone: 410/584-9099 / Fax: 410/584-9117  
 Website: www.tracelabs.com / Email: info@tracelabs.com

Maryland State Certified Laboratory # 318

**CERTIFICATE OF ANALYSIS**

**Requester:**  
 NV Homes, Inc  
 Attn: Buddy  
 6085 Marshalee Drive Suite 130  
 Elkridge, Maryland 21075

**S/O Number:** 69279  
**Report Date:** August 21, 2008

**Property Sampled:** 6317 Kerne Court, 21029

**County:** Howard  
**Subdivision:** Clarksville Overlook  
**Lot #:** 27  
**Building Permit #:** B08000110

**Tax Map #:** 34  
**Parcel #:** 90

**Date/Time Collected:** August 4, 2008 at 10:15 am  
**Date/Time Received:** August 4, 2008 at 2:30 pm

**Sample Location:** Pressure Tank Tap  
**Sampler ID:** 9406NW

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

**Well Tag Number:** Unable to observe  
**Well Condition:** Well condition undetermined

**Water Conditioning/Treatment:** None

PARAMETER	RESULT	METHOD	DETECTION LIMIT
Gross Alpha+	34.5 +/- 2.8 pCi/L	EPA 900.0	1.2 pCi/L
Gross Beta+	33.7 +/- 1.6 pCi/L	EPA 900.0	1.3 pCi/L
Radium 226++	2.5 +/- 0.4 pCi/L	EPA 903.1	0.1 pCi/L
Radium 228++	6.0 +/- 1.0 pCi/L	EPA Ra-05	0.9 pCi/L
Uranium++	2.9 +/- 1.1 pCi/L	EPA 908.0	0.7 pCi/L

*Allison R. Milburn*  
 Allison R. Milburn  
 Manager-Drinking Water Testing



TRACE LABORATORIES, INC  
 A Methode Electronics, Inc. Company  
 5 North Park Drive  
 Hunt Valley, MD 21030 USA  
 Telephone: 410/584-9099 / Fax: 410/584-9117  
 Website: www.tracelabs.com / Email: info@tracelabs.com

Maryland State Certified Laboratory # 318

### CERTIFICATE OF ANALYSIS

**Requester:**  
 NV Homes, Inc  
 Attn: Buddy  
 6085 Marshalee Drive Suite 130  
 Elkridge, Maryland 21075

**S/O Number:** 69669  
**Report Date:** September 9, 2008

**Property Sampled:** 6317 Kerne Court, 21029

**County:** Howard  
**Subdivision:** Clarksville Overlook  
**Lot #:** 27  
**Building Permit #:** B08000110

**Tax Map #:** 34  
**Parcel #:** 90

**Date/Time Collected:** September 8, 2008 at 2:50 pm  
**Date/Time Received:** September 8, 2008 at 4:00 pm

**Sample Location:** Powder Room Tap  
**Sampler ID:** 9406NW

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

**Well Tag Number:** HO-95-0094  
**Well Condition:** 2-Piece Cap  
 Satisfactory

**Water Conditioning/Treatment:** Neutralizer, Softener

PARAMETER	RESULT	METHOD	MCL	
Total Coliform	Absent	SM 9223B	Absent	Pass
E.coli	Absent	SM 9223B	Absent	Pass

Allison R. Milburn  
 Manager-Drinking Water Testing



TRACE LABORATORIES, INC  
 A Methode Electronics, Inc. Company  
 5 North Park Drive  
 Hunt Valley, MD 21030 USA  
 Telephone: 410/584-9099 / Fax: 410/584-9117  
 Website: www.tracelabs.com / Email: info@tracelabs.com

Maryland State Certified Laboratory # 318

**CERTIFICATE OF ANALYSIS**

**Requester:**  
 NV Homes, Inc  
 Attn: Buddy  
 6085 Marshalee Drive Suite 130  
 Elkridge, Maryland 21075

**S/O Number:** 69669  
**Report Date:** September 15, 2008

**Property Sampled:** 6317 Kerne Court, 21029, Radium Retest

**County:** Howard  
**Subdivision:** Clarksville Overlook  
**Lot #:** 27  
**Building Permit #:** B08000110

**Tax Map #:** 34  
**Parcel #:** 90

**Date/Time Collected:** September 8, 2008 at 2:50 pm  
**Date/Time Received:** September 8, 2008 at 4:00 pm

**Sample Location:** R/O Tap  
**Sampler ID:** 9406NW

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

**Well Tag Number:** HO-95-0694  
**Well Condition:** 2-Piece Cap  
 Satisfactory

**Water Conditioning/Treatment:** Neutralizer, Softener, R/O

PARAMETER	RESULT	METHOD	DETECTION LIMIT	
Gross Alpha	<0.9 +/- 0.6 pCi/L	EPA 900.0	0.9 pCi/L	Pass
Gross Beta	<1.7 +/- 1.0 pCi/L	EPA 900.0	1.7 pCi/L	Pass

*Allison R. Milburn*  
 Allison R. Milburn  
 Manager-Drinking Water Testing



TRACE LABORATORIES, INC  
 A Methode Electronics, Inc. Company  
 5 North Park Drive  
 Hunt Valley, MD 21030 USA  
 Telephone: 410/584-9099 / Fax: 410/584-9117  
 Website: www.tracelabs.com / Email: info@tracelabs.com

Maryland State Certified Laboratory # 318

### CERTIFICATE OF ANALYSIS

**Requester:**  
 NV Homes, Inc  
 Attn: Buddy  
 6085 Marshalee Drive Suite 130  
 Elkridge, Maryland 21075

**S/O Number:** 69669  
**Report Date:** September 12, 2008

**Property Sampled:** 6317 Kerne Court, 21029

**County:** Howard  
**Subdivision:** Clarksville Overlook  
**Lot #:** 27  
**Building Permit #:** B08000110

**Tax Map #:** 34  
**Parcel #:** 90

**Date/Time Collected:** September 8, 2008 at 2:50 pm  
**Date/Time Received:** September 8, 2008 at 4:00 pm

**Sample Location:** Powder Room Tap  
**Sampler ID:** 9406NW

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

**Well Tag Number:** HO-95-0094  
**Well Condition:** 2-Piece Cap  
 Satisfactory

**Water Conditioning/Treatment:** Neutralizer, Softener

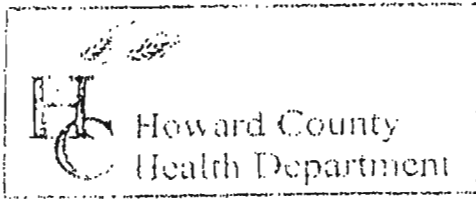
PARAMETER	RESULT	METHOD	MCL/*SMCL	
Nitrate	7.4 mg/L as N	SM 4500D	10 mg/L as N	Pass
Turbidity	<1.0 NTU	EPA 180.1	10 NTU	Pass
pH	7.7 Units	EPA 150.1	*6.5-8.5 Units	***
Sand	Negative		Negative	
Total Coliform	Absent	SM 9223B	Absent	Pass
E.coli	Absent	SM 9223B	Absent	Pass

*Katherine Milburn*  
 Allison R. Milburn  
 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.



3525 H Ellicott Mills Drive, Ellicott City, MD 21043  
 (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

TO ALL INTERESTED PARTIES

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

- The well site has been staked by F.S.H. ASSOCIATES,  
 (professional land surveyor or company employing professional land surveyors)  
 on 2-20-06 (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 6/10/03

JTS CORPORATION  
 LOTS 1-35 MACBETH FARM