

CERTIFICATE OF ANALYSIS



Trace Laboratories, Inc.
Maryland

5 North Park Drive
Hunt Valley, MD 21030
Telephone: 410/252-7742
Telephone: 410/584-9099
Fax: 410/584-9117
Email: tracelab@connect.net
www.tracelabs.com

Maryland State Certified
Water Quality Laboratory
No. 318

ISO 9001:2000



Registered Firm



FERRY JOHNSON
REGISTRARS, INC.

Cert No. C2005-01504

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

S/O Number: 66331
Report Date: December 27, 2007

Property Sampled: 12864 Macbeth Farm Road

County: Howard
Subdivision: Clarksville Overlook **Tax Map #:** 34
Lot #: 13 **Parcel #:** 90
Building Permit #: 07003182

Date/Time Collected: December 3, 2007 at 11:41 am

Date/Time Received: December 3, 2007 at 3:00 pm

Sample Location: Pressure Tank Tap
Sampler ID: 5745KC
Samples Iced: Yes
Residual Cl₂ <0.1 mg/L: Yes

Well Tag Number: HO-95-0319

Well Condition: 2-Piece Cap
Satisfactory

Water Conditioning/Treatment: Neutralizer, Softener

PARAMETER	RESULT	METHOD	DETECTION LIMIT
Radium 226	0.3 +/- 0.2 pCi/L	EPA 903.1	0.2 pCi/L
Radium 228	1.0 +/- 0.6 pCi/L	EPA Ra-05	0.9 pCi/L
Uranium	<0.8 +/- 0.5 pCi/L	EPA 908.0	0.8 pCi/L

Allison R. Milburn
Manager-Drinking Water Testing

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Well Tag Number: HO-95-0319
Well Condition: 2-Piece Cap
 Satisfactory

Water Conditioning/Treatment: Neutralizer, Softener

PARAMETER	RESULT	METHOD	DETECTION LIMIT
Gross Alpha	1.8 +/- 0.7 pCi/L	EPA 900.0	0.8 pCi/L
Gross Beta	3.5 +/- 0.8 pCi/L	EPA 900.0	1.2 pCi/L

Allison R. Milburn
 Manager-Drinking Water Testing



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 #: 0712037
 Date / Time Received: 12/06/07 10:08
 Report Date: 12/14/07
 PO Number: 5192

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

Lab Sample I.D.: 0712037-01

Client Sample I.D. 66371 (12864 Macbeth Farm Ln) Treated

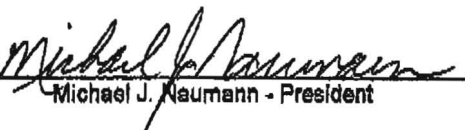
Sample Date / Time: 12/05/07 15:00

Results:

Gross Alpha:	3.3	Gross Beta:	2.5
Error +/-:	0.9	Error +/-:	0.8
MDL:	1.0	MDL:	1.2
EPA Method:	900.0	EPA Method:	900.0
Prep Date:	12/06/07	Prep Date:	12/06/07
Analysis Date:	12/08/07	Analysis Date:	12/08/07
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 12-14-07

DEC. 10. 2007 2:30PM

NO. 833 P. 2



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 #: 0712035
 Date / Time Received: 12/06/07 10:08
 Report Date: 12/10/07
 PO Number: 5164

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

Lab Sample I.D.: 0712035-01

Client Sample I.D. 66331 (12864 Macbeth Farm Ln)

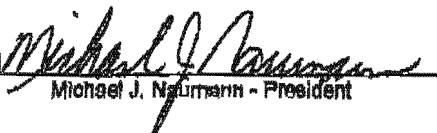
Sample Date / Time: 12/03/07 16:35

Results:

Gross Alpha:	1.8	Gross Beta:	3.5
Error +/-:	0.7	Error +/-:	0.8
MDL:	0.8	MDL:	1.2
EPA Method:	900.0	EPA Method:	900.0
Prep Date:	12/06/07	Prep Date:	12/06/07
Analysis Date:	12/07/07	Analysis Date:	12/07/07
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 12-10-07

DEC. 26. 2007 11:04AM

NO. 913 P. 2



Florida Radiochemistry Services, Inc.

Sample Login

Client:	Trace Labs	Date / Time Received 12/06/07 10:06	Work order # 0712036
Client Contact:	Allison Milburn		
Client P.O.	5164		
Project I.D.	66391		
Lab Sample I.D.	Client Sample I.D.	Sample Date/Time	Analysis Requested
0712036-01	66391 (12864 Macbeth Farm Ln)	12/03/07 16:36	Ra226, Ra228, U

Analysis Results

Radium 226	0.3	Radium 228	1.0
Error +/-	0.2	Error +/-	0.6
MDL	0.2	MDL	0.9
EPA Method	903.1	EPA Method	Ra-05
Prep Date	12/11/07	Prep Date	12/11/07
Analysis Date	12/23/07	Analysis Date	12/21/07
Analyst	MJN	Analyst	PJ
Uranium	<0.8		
Error +/-	0.6		
MDL	0.8		
EPA Method	909.0		
Prep Date	12/18/07		
Analysis Date	12/19/07		
Analyst	MJN		
Units	pCi/l	Units	pCi/l



Florida Radiochemistry Services, Inc.

Analysis Report

Lab Sample I.D.	0803119-02	0803119-03	0803119-04
Client I.D.	67521	67522	67532
Radium 226	0.2	<0.2	
Error +/-	0.2	0.1	
MDL	0.2	0.2	
EPA Method	903.1	903.1	
Prep Date	03/18/08	03/18/08	
Analysis Date	03/25/08	03/25/08	
Analyst	MJN	MJN	
Radium 228	<0.8	<0.8	
Error +/-	0.5	0.5	
MDL	0.8	0.8	
EPA Method	Ra-05	Ra-05	
Prep Date	03/18/08	03/18/08	
Analysis Date	03/24/08	03/24/08	
Analyst	PJ	PJ	
Uranium	0.9U	0.7U	
Error +/-	0.6	0.6	
MDL	0.9	0.7	
EPA Method	908.0	908.0	
Prep Date	03/18/08	03/18/08	
Analysis Date	03/19/08	03/19/08	
Analyst	MJN	MJN	
Radon 222			691
Error +/-			39.2
MDL			11.5
EPA Method			600/2-87-082
Prep Date			03/14/05
Analysis Date			03/14/05
Analyst Initials			MJN
Units	pCi/l	pCi/l	pCi/l

CERTIFICATE OF ANALYSIS

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

S/O Number: 66371
Report Date: December 17, 2007

Property Sampled: 12864 Macbeth Farm Road, Radium, Treated

County: Howard
Subdivision: Clarksville Overlook **Tax Map #:** 34
Lot #: 13 **Parcel #:** 90
Building Permit #: 07003182

Date/Time Collected: December 5, 2007 at 11:19 am
Date/Time Received: December 5, 2007 at 12:58 pm

Sample Location: Test Valve After Treatment
Sampler ID: 9813AM
Samples Iced: Yes
Residual Cl₂ <0.1 mg/L: Yes

Well Tag Number: HO-95-0319
Well Condition: 2-Piece Cap
Satisfactory

Water Conditioning/Treatment: Neutralizer, Softener

PARAMETER	RESULT	METHOD	DETECTION LIMIT
Gross Alpha	3.3 +/- 0.9 pCi/L	EPA 900.0	1.0 pCi/L
Gross Beta	2.5 +/- 0.8 pCi/L	EPA 900.0	1.2 pCi/L



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Cert No. C2005-01504

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

Samples analyzed by Laboratory #278

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Cert No. C2005-01504

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

S/O Number: 66331
Report Date: December 4, 2007

Property Sampled: 12864 Macbeth Farm Road

County: Howard
Subdivision: Clarksville Overlook **Tax Map #:** 34
Lot #: 13 **Parcel #:** 90
Building Permit #: 07003182

Date/Time Collected: December 3, 2007 at 11:41 am
Date/Time Received: December 3, 2007 at 3:00 pm

Sample Location: Pressure Tank Tap
Sampler ID: 5745KC
Samples Iced: Yes
Residual Cl₂ <0.1 mg/L: Yes

Well Tag Number: HO-95-0319
Well Condition: 2-Piece Cap
Satisfactory

Water Conditioning/Treatment: Neutralizer, Softener

PARAMETER	RESULT	METHOD	MCL/*SMCL	
Nitrate	5.3 mg/L as N	SM 4500D	10 mg/L as N	Pass
Turbidity	1.4 NTU	EPA 180.1	10 NTU	Pass
pH	6.8 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

Allison R. 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.