

C1 7264

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)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE Received MM DD YY

9 / 07

22 100 26 (TO NEAREST FOOT)

2/15/08 OK (KW)

HO-95-1226

OWNER: Keelby Company, STREET OR RFD: Woodstock Rd, TOWN: Woodstock, SUBDIVISION: Myrtle Property, SECTION: , LOT: 30

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Entries: Brown shale (0-35), Gray Limestone (35-100)

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N)

TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 14 NO. OF POUNDS 1316 GALLONS OF WATER 84 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 39 ft.

CASING RECORD casing types insert appropriate code below: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER)

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 42

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

SCREEN RECORD screen type or open hole (insert appropriate code below): ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER)

DEPTH (nearest ft.) table with columns 1-21 and rows A-C, S-R, E-E, N-N. Values: HO 42, 100

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

C 3 PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 15 METHOD USED TO MEASURE PUMPING RATE 1 gal WATER LEVEL (distance from land surface) BEFORE PUMPING 29 ft WHEN PUMPING 45 ft TYPE OF PUMP USED (for test) 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 LAND SURFACE - below (nearest foot) 1

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)

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES (Y) NO (N)

CIRCLE APPROPRIATE LETTER A 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. 1 M SD 009 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 D

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

NO Survey stakes

B 1 4363

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 526657 please type

STATE PERMIT NUMBER

40-95-1226 fill in this form completely

Date Received (APA) 4/14/08

OWNER INFORMATION

Keely Company P O Box 528 Timonium MD. 21094

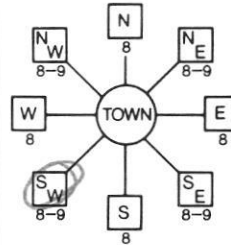
LOCATION OF WELL

Howard Myrtue Property Woodstock 2 miles from town

DRILLER INFORMATION

Allen Compton M S D 009 Fugles Well Drilling 580 Obrecht rd. 4-14-07

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Woodstock rd NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH SOUTH

34 3400 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39

TAX MAP: 10 BLK: 24 PARCEL 225

WELL INFORMATION APPROX. PUMPING RATE 5 AVERAGE DAILY QUANTITY NEEDED 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, DEWATERING PUBLIC WATER SUPPLY WELL TEST, OBSERVATION, MONITORING GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard (13) A 518006-M COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 8/14/07 Kim Wolf 8/14/08 CO SIGNATURE EXP. DATE NORTH GRID 540 000 EAST GRID 0837 000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) AIR-ROTary JETTED AIR-PERCussion Jetted & DRIVEN ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTary DRIVE-POINT other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 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 DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

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

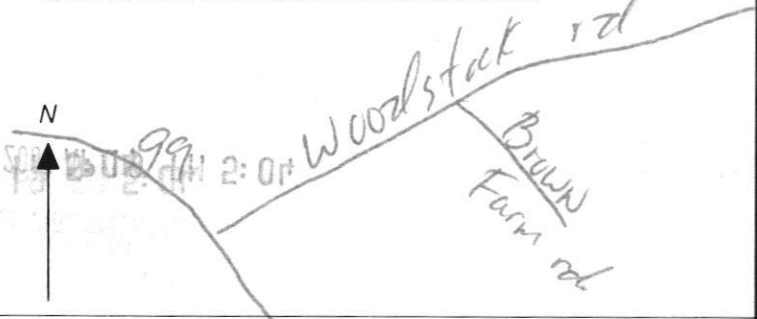
APPROX. PERMIT NUMBER 402006G01B PERMIT No. 40-95-1226

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE E 8307 N 540

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



SPECIAL CONDITIONS NEED RADIUM SAMPLE PER HEALTH DEPT.

**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WELL & SEPTIC PROGRAM
TEL: (410)313-1771 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: Barlow Well Drilling Telephone #: 410-838-6910
Address: 522 UNDERWOOD LANE
BEL AIR, MD 21014

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Michael Isom License# MSD162
***A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.**

Name of Property Owner: Keystone Homes Telephone #: 413-878-7754
Subdivision: Myrtue Property Lot #: 30 Well Tag #: HO-95-1226
Site Address: 1916 DAVIS BRANCH ROAD
WOODS ROCK, MD 21163

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Goulds</u>	Make: <u>BII</u>	Two piece watertight cap: <u> </u>
Model #: <u>10E1H05422</u>	Model#: <u>P100</u>	Screened, vented well cap: <u> </u>
Pump Capacity <u>10</u> GPM	Depth: <u>36</u> (36" min)	Cap secured to casing: <u> </u>
Well Yield: <u>15</u> GPM	NSF/WSC approved: <u>Y</u>	Conduit min 18" B.G.: <u> </u>
Depth of well encountered at time of pump installation: <u> </u> (feet)		Conduit secured to well cap: <u> </u>

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors, Cable guards, or other acceptable method used- Must circle one
Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing

<u>Piping to house</u>	<u>House Connection</u>
Type: <u>1" Poly</u>	PVC sleeve to undisturbed soil at wall penetration: <u> </u>
PSI: <u>200</u> (160 psi min)	Length of sleeve (5' minimum from foundation): <u>6'</u>
Depth of supply line: <u>36</u> (36" min)	Sleeve sealed properly: <u>yes</u>

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: [Signature] date: 12/15/2021

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

Date Insp. Requested: 12/16/21 Date Insp. Approved: 3/18/22 Inspector: [Signature]
Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade ✓ 36"
Two piece cap installed and attached to casing securely ✓
Elec. conduit extends at least 18" below grade/attached to cap properly ✓ 36"
Safety rope not outside of well cap/casing ✓
Correct well tag attached properly and casing 8" above finished grade ✓ 29" no tag
Water supply line sleeved adequately at house connection ✓ 10"
Adequate grout observed below pitless adapter ✓



INTERIM CERTIFICATE OF POTABILITY

Expiration Date – SEPTEMBER 4, 2022

March 4, 2022

Homeowner
1916 Davis Branch Road
Woodstock, MD 21163

RE: Marriotts Ridge, Lot 30
1916 Davis Branch Road
Building Permit: B21002057
Well Permit: HO-95-1226

Dear Homeowner:

This is to advise you that the septic system installation and water well construction for the above referenced property have been inspected and approved. Final approval of the septic system was granted on **3/2/2022**. Final approval of the well line connection to the dwelling was granted on **3/4/2022**. The well construction was completed on **9/4/2007**. Water samples were collected on **2/24/2022**.

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.

Gross Alpha and Beta samples were also collected on **8/30/2007**. Results showed a Gross Alpha level of **2.0 ± 1.0 pCi/L** and **Gross Beta** level of **3.0 ± 2.0 pCi/L**. The Gross Alpha was below the maximum contaminant level (MCL) of 15 pCi/L and the Gross Beta was below the target level of 50pCi/L (roughly equivalent to the annual dose rate of 4 millirems per year). At the time of testing and with respect to these parameters, the well water is safe for all uses.

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-95-1226. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies.

This Interim Certificate of Potability will expire **six months** from the date of issuance. Submission of a second bacteriological test indicating the water is free of coliform and fecal coliform bacteria is required prior to the expiration date, after which time a Final Certificate of Potability will be issued. **Failure to submit an additional sample and obtain a Final Certificate of Potability will result in a Notice of Violation and is punishable as a misdemeanor under the Annotated Code of Maryland, Environment Article, 9-1311, subject to a fine of up to \$500 or imprisonment not to exceed three months.**



Bureau of Environmental Health
8930 Stanford Blvd | Columbia, MD 21045
410.313.2640 - Voice/Relay
410.313.2648 - Fax
1.866.313.6300 - Toll Free

Maura J. Rossman, M.D., Health Officer

Please contact (410) 313-1773 to schedule a final water sample appointment or contact a certified water quality laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website: <http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf>

In closing, please refer to our "Homeowner Fact Sheet" for understanding your onsite sewage disposal system. You will also find a link to Maryland Department of the Environments website which elaborates in further detail operation and maintenance of your Septic System.

Approving Authority,

A handwritten signature in black ink, appearing to read 'Kevin M. Wolf', is written over a light blue horizontal line.

Kevin M Wolf, L.E.H.S., REHS/R.S., Supervisor
Groundwater Management Section
Well & Septic Program

cc: Howard County Dept. of Inspections, Licenses, and Permits
Community Hygiene Program
File

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

ATTENTION WELL DRILLERS!!!

When submitting a well application for a new or replacement well, please indicate one of the following:

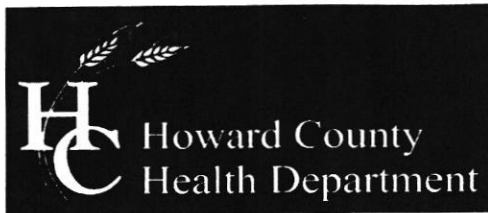
- The well site has been staked by DaFT-McCune Walker on _____ and is ready for site inspection.
- _____ will call the Health Department for a time to meet in the field to verify a well location.
- Site plan for new well is attached to well permit application.

Please attach this sheet when submitting your green application. This should help improve communication allowing a more timely service for our citizens.

KN

*Engineer stated well box is
Staked on corners*

Murtne Prop. Lots 1-31



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

October 9, 2007

James Keelty and Company, Inc.
61 East Padonia Road
Timonium, MD 21093

RE: **Myrtue Property, Lot# 30**
Well Tag: HO-95-1226

To Whom It May Concern:

A sample was collected from a yield test August 30, 2007 and submitted to 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,

A handwritten signature in cursive script that reads 'Bert Nixon'.

Bert Nixon, Director
Bureau of Environmental Health

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

Send Report To:

Bert Alton

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: H0-95-1226 No. B: _____ Field Blank Bottle No. A: _____ No. B: _____

Plant/Site Name: Myrtle Prop. - Lot 30 County: Howard

Sample Source: Davis Branch Rd Location: H0-95-1226
(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. Wolf

Telephone No: 410-313-2645

Date Collected: 8/30/07

Time 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 ^{pH} yield ^{Chlorine}

✓	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Reported
✓	Gross Alpha	4000	0535	2 ± 1	09/04/07
✓	Gross Beta	4100	0535	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: 08/31/07

Supervisor: S. Wisco

ENVIRO-CHEM LABORATORIES, INC.



47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-472-1112

FINAL REPORT OF ANALYSIS

Michael Barlow Well Drilling
522 Underwood Lane
Bel Air, MD 21014

Report Date: 03/03/2022
Report Number: 220303090934

LAB#- E069830-01 SAMPLE ID- 1916 Davis Branch Rd WELL # HO 95-1226
LOCATION- Pressure Tank SAMPLER- S Duklewski #3073SD
DATE SAMPLED- 02/24/2022 TIME SAMPLED- 15:30 Residual Chlorine- Non detect
DATE RECEIVED- 02/24/2022 TIME RECEIVED- 16:12
DELIVERED BY- Steve Duklewski RECEIVED BY- Stephen Shelley
COMMENTS-

COMMENTS-

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DATA FLAG
Microbiology by Enviro-Chem					
Total Coliform	SM 9223B	02/24/22 16:20	VPS	Absent	PASS
E. Coli	SM 9223B	02/24/22 16:20	VPS	Absent	PASS

Based on coliform bacteriological standards, at the time of sampling this water was **SAFE** for drinking water purposes.

Wet Chemistry by Enviro-Chem

Nitrate (as N)	EPA 300.0	02/24/22 20:07	SES	1.53	mg/L	PASS
pH	SM4500-H+B	02/24/22 16:20	FRD	5.4	SU	
Settleable Solids	EPA 160.5	02/25/22 16:00	SES	< 0.5	ml/L/Hr	
Turbidity	EPA 180.1	02/24/22 16:20	FRD	0.2	NTU	

Stephen Shelley
Laboratory Director

Certifications

State of Maryland Laboratory

#192



EMSL ANALYTICAL, INC.
200 Route 130 North
Cinnaminson, NJ 08077
Telephone: (800)220-3675 FAX: (856)786-0327
cinnaminsonradonlab@emsl.com | <http://www.EMSL.com>

EMSL ORDER ID: 782201183
EMSL CUSTOMER ID: ECHM78

Reported Date: 2/28/2022
Current Rev R0
Final Comment 0

Attention: Stephen Shelley
Enviro-Chem Laboratories, Inc.
47 Loveton Circle
Suite K
Sparks, MD 21152

Phone: 410-472-1112

Email: steve@enviro-chem.net

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 02/25/2022 at 09:30. The results are tabulated on the attached data pages for the following client designated project:

69830 / 1916 Davis Branch Road

The reference number for these samples is EMSL Order #782201183. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (800)220-3675.

Dominic Gehret, Radiochemistry Laboratory Manager
or other approved signatory

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.

NELAC Certification #: **03036**

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.



EMSL ANALYTICAL, INC.
 200 Route 130 North
 Cinnaminson, NJ 08077
 Telephone: (800)220-3675 FAX: (856)786-0327
cinnaminsonradonlab@emsl.com | <http://www.EMSL.com>

EMSL ORDER ID: 782201183
 EMSL CUSTOMER ID: ECHM78

Attention: Stephen Shelley
 Enviro-Chem Laboratories, Inc.
 47 Loveton Circle
 Suite K
 Sparks, MD 21152

Customer PO:
EMSL Project ID:
Project Name: 69830 / 1916 Davis Branch Road

Phone: 410-472-1112
Email: steve@enviro-chem.net

Collected: 02/24/2022 15:30
Received: 02/25/2022 09:30
Analyzed: See Results
Reported: 2/28/2022

Laboratory Report- Sample Summary

EMSL Sample ID.	Client Sample ID.	Start Sampling Date	Start Sampling Time
782201183-0001	69830	2/24/2022	3:30 PM

If "Preliminary Report" is displayed in the signature box; this indicates that there are samples that have not yet been analyzed, that are in a preliminary state, or that analysis is in progress but not completed at the time of report issue.

<u>Report Date</u>	<u>Report Revision</u>	<u>Revision Comments</u>
2/28/2022	R0	Initial Report

Dominic Gehret, Radiochemistry Laboratory Manager
 or other approved signatory

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EMSL ANALYTICAL, INC.
 200 Route 130 North
 Cinnaminson, NJ 08077
 Telephone: (800)220-3675 FAX: (856)786-0327
cinnaminsonradonlab@emsl.com | <http://www.EMSL.com>

EMSL ORDER ID: 782201183
 EMSL CUSTOMER ID: ECHM78

Attention: Stephen Shelley
 Enviro-Chem Laboratories,
 Inc.
 47 Loveton Circle
 Suite K

Customer PO:
EMSL Project ID:
Project Name: 69830 / 1916 Davis Branch Road

Phone: 410-472-1112
Email: steve@enviro-chem.net

Collected: 02/24/2022 15:30
Received: 02/25/2022 09:30
Analyzed: See Results
Reported: 2/28/2022

Analytical Report

Sample Identification: 69830 Lab Sample #: 782201183-0001 Date/Time Collected: 2/24/2022 03:30 PM

Test Parameter	Units	Result	Uncertainty	SDWA DL	Start Count Date/ Time	End Count Date/ Time	Analyst	Status	Count	Method	Comment
NJ Rapid Gross Alpha	pCi/L	0.772	1.25	1.91	02/26/2022 11:05	02/26/2022 12:05	JFW / JAW	First Count		ECLS-R-GA Rev.8	(1)
Gross Beta - EPA 900.0	pCi/L	0.99	1.43	1.86	02/26/2022 11:05	02/26/2022 12:05	JFW / JAW	Not Applicable		EPA 900.0	(1)

Sample Specific Comments

- (1)= Analyte was analyzed for, but not detected above the SDWA DL
- (2)= Analyte was analyzed for, but not detected above the MDA

Additional Comments

- * The uncertainty reported is an expanded uncertainty of 1.96-sigma.
- * For NJ Rapid Gross Alpha, the uncertainty reported is an expanded uncertainty of 1.65-sigma.
- * The SDWA detection limit is defined in 40 CFR 141.25(c) as equal to the analyte concentration which can be counted with a precision of plus or minus 100% at the 95% confidence level (1.96σ where σ is the standard deviation of the net counting rate of the sample).
- * For drinking water, the regulatory limit for gross alpha is 15 pCi/L with an SDWA DL of 3 pCi/L.
- * For drinking water, the regulatory limit for combined radium-226 and radium-228 is 5 pCi/L with each having an SDWA DL of 1 pCi/L.
- * If gross alpha result from the 36 – 48 hour count exceeds 5pCi/L, the plancheted sample is recounted between 20 – 28 hours after the midpoint of the initial count.

If "Preliminary Report" is displayed in the signature box; this indicates that there are samples that have not yet been analyzed, that are in a preliminary state, or that analysis is in progress but not completed at the time of report issue.

<u>Report Date</u> 2/28/2022	<u>Report Revision</u> R0	<u>Revision Comments</u> Initial Report
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Dominic Gehret, Radiochemistry Laboratory Manager
 or other approved signatory