

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

VERA SCROGGINS	:	
Complainant	:	
v.	:	C-2023-3039609-AEL-10/22/25 Docket No. C-23039609
PENNSYLVANIA -AMERICAN	:	
WATER COMPANY	:	
Respondent	:	

**BRIEF BEFORE PUC JUDGE ON LATEST CONCERNS ABOUT PAWC AND
THEIR DRILLING FOR WATER IN DIMOCK IN MY COUNTY IN PA.. TO BE ADDED TO
AMENDED FORMAL COMPLAINT WITH NEW CONCERNS HERE PRESENTED.**

AND NOW, Vera Scroggins, as pro se, as complainant, hereby files this

Motion to request that the Amended Formal Complaint of Vera

Scroggins (hereinafter "Vera") have these additional concerns added.

I have recently learned from my county friends in Dimock, Pa.,
Susquehanna County, that PAWC (Pennsylvania American Water) has now
released the water test results for the two, new drilled water wells to service
about two dozen families in Dimock, Pa., in my county of Susquehanna.
The test results sent by PAWC to the residents is hereby added as an Exhibit A..

Two letters are submitted as Exhibit A. One from PAWC revealing that radionuclides and barium exceeded MCLs (Maximum Contaminant Levels) and manganese, chloride, and total dissolved solids (TDS) exceeded the SMCLs, (Secondary Maximum Contaminant Levels).

PAWC claims that their planned treatment system will effectively treat the raw well water ensuring the residents will have safe drinking water.

The other letter is from Zacariah Hildenbrand, a well known, reputable, Scientist in environmental issues and water analysis.

“Dr. Zacariah L. Hildenbrand is the Chief Scientific Officer at Infinity Water Solutions, a role that allows him to further his unconventional research in environmental stewardship within the energy sector. With a distinguished career spanning multiple roles, he has made significant contributions to research and academia, specifically in water science and reclamation. His work spans two decades and three continents.

Over the decade, Dr. Hildenbrand’s research has yielded impactful results, including more than 70 peer-reviewed scientific journal articles and textbook chapters, showcasing his dedication to advancing knowledge in his field. His expertise is further recognized as an editor of the influential textbook ‘Advances in Chemical Pollution, Environmental Management and Protection: Environmental Issues concerning Hydraulic Fracturing’.”

Dr. Hildenbrand’s letter of Oct. 18, 2025 in response to the PAWC letter and water test results shows his concerns that these waters in the new water wells are

“contaminated with thermogenic gas” and necessitates “additional isotopic analysis to determine where it is coming from”.

BTEX constituents, MBAS and NORM were found and are concerning.

“More comprehensive testing for a wide suite of VOCs, SVOCs, and PRAS”

needs to be done. Dr. Hildenbrand recommends more comprehensive testing.

Dr. Hildenbrand was also involved in the PA. State Attorney Investigation of the

Cabot/Coterra water contamination charges of about two dozen Dimock water wells.

Dr. Hildenbrand did the water testing for the State

of Pa. that found Cabot/Coterra guilty of contamination of water wells.

I am adding this additional information about PAWC’s Project to test and

provide results to the public and their treatment plan for

water wells in our gas industrialized county.

I am showing that water wells near gas wells are being contaminated in our county

and that more comprehensive testing is warranted. Concerns of radiation, radiums

226 and 228 in our water is a major concern. How to get rid of radiums in our

drinking water?

What proper, adequate treatment of radiums can be used?

Industry near lakes, sources of water, water wells, is something that needs further

investigation and updating of our testing requirements by the DEP and EPA.

These water wells are surrounded by gas wells that have a number of DEP violations for polluting water wells.

PAWC is willing to take on this major project of treatment and even identifies the contaminants found in their testing as “naturally occurring”! The Gas Industry also insists on calling our water pollution from their Gas wells as “naturally occurring”!

PAWC needs to more intensely oversee and enhance their testing protocols and their water treatment plans to be updated to accommodate the onslaught of gas drilling impacts in residential areas, near homes and schools.

The process of pollution is ongoing and the public needs more protections and oversights from our municipal water companies.

Now my concerns presently are:

1. PAWC has submitted their raw water test results to the residents involved in Dimock, Pa., Susquehanna County. I am concerned that **The results need to be reexamined by Dr. Hildenbrand as outlined in his letter and more testing needs to be done as suggested by Hildenbrand.**
2. I want to add these concerns to my Amended Formal Complaint to the PUC.

3. PAWC has been given the trusted position by our State Attorney General, the then, Josh Shapiro and now Governor of Pa., to bring potable water to the suffering families and impacted homes that lost their potable water from gas drilling.

4. Can PAWC deliver potable safe water from a documented, contaminated aquifer? We are requesting for full public transparency.

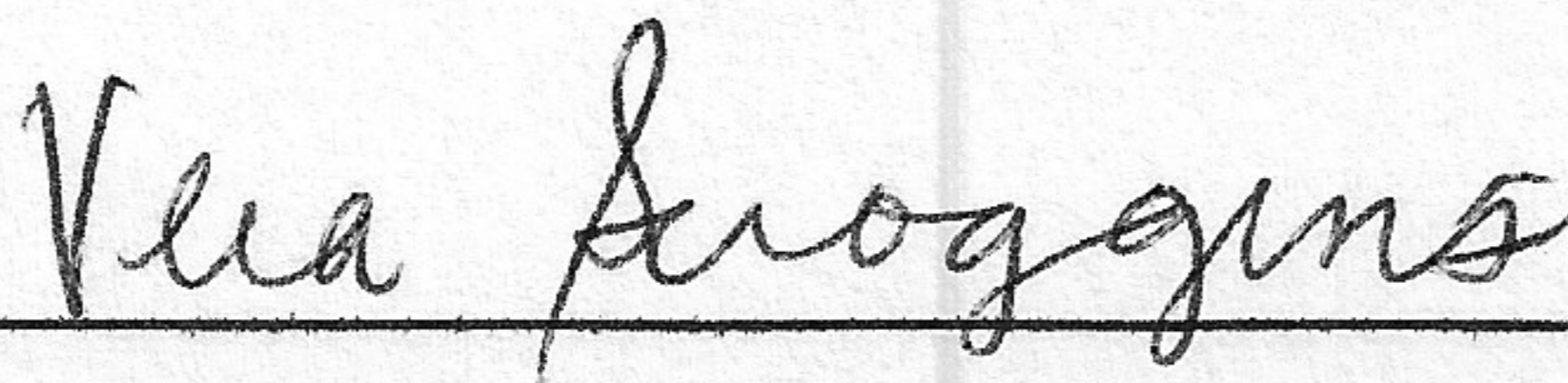
5. I am asking the PUC to help in this ongoing issue. Asking the PUC to encourage the DEP and EPA to ask for more comprehensive testing of our water wells and the new water wells in Dimock, Pa., that PAWC has recently been involved in.

The PUC is our safeguard to help ensure safe drinking water for the Public in Pa..

REQUEST FOR RELIEF

WHEREFORE, for all the reasons stated herein, Complainant, Vera Scroggins, respectfully requests that this brief of concerns be added to my Amended Formal Complaint to the PUC. I respectfully ask the PUC Judge to review this and add this to my Amended Formal Complaint or add this to my file in this ongoing case.

Respectfully submitted,



Vera Scroggins, pro se and PAWC Account Holder

71 Gus Park Lane

Brackney, Pa. 18812

607-237-9685 veraduerga@gmail.com

DATE: October 21, 2025

**C-2023-3039609 – VERA SCROGGINS v. PENNSYLVANIA AMERICAN
WATER COMPANY**

CERTIFICATE OF SERVICE

I hereby certify that I have this day served a true copy of **BRIEF BEFORE PUC JUDGE ON LATEST CONCERNS ABOUT PAWC AND THEIR DRILLING FOR WATER IN DIMOCK IN MY COUNTY IN PA.. TO BE ADDED TO AMENDED FORMAL COMPLAINT WITH NEW CONCERNS HERE PRESENTED.** I hereby certify that I have this day served a true copy of the foregoing Brief upon the party listed below, in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a party).

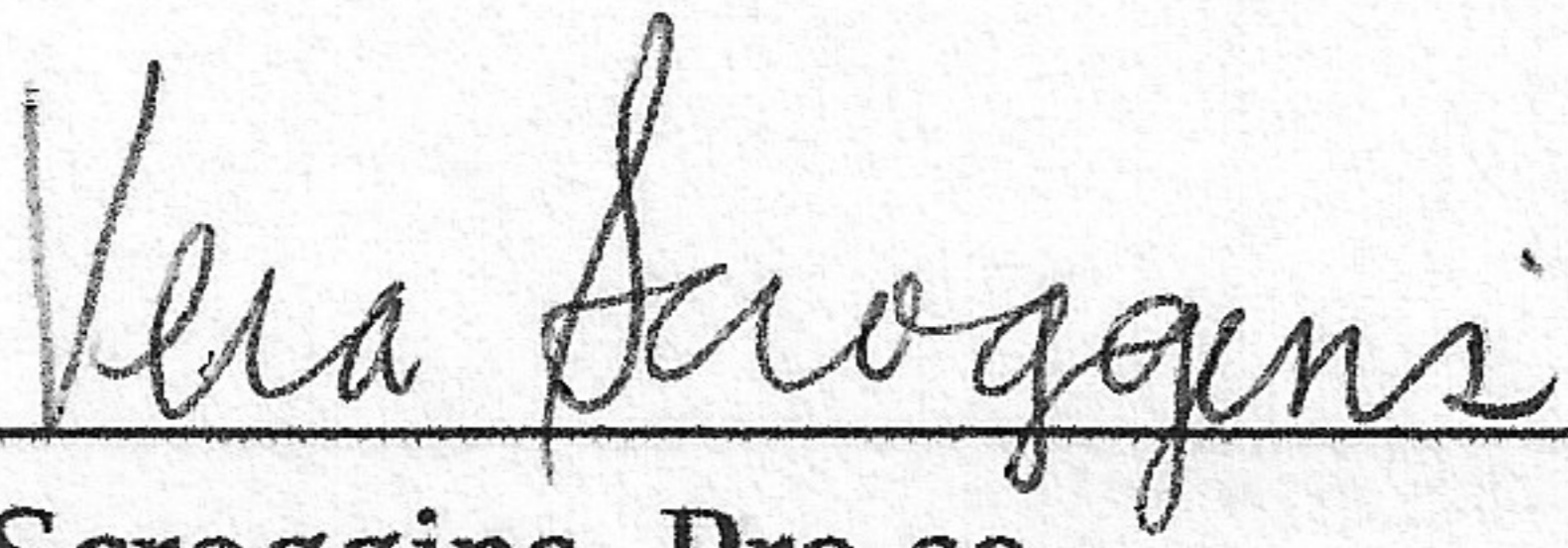
with Exhibit 1 upon the parties listed below.

eService to all

Michael A. Gruin Esquire
Stevens & Lee
17 North Second Street
16th Floor
Harrisburg, Pa. 17101 717-255-7365
717-234-1090
michael.gruin@stevenslee.com

Administrative Law Judge Marta Guhl
Secretary Chiavetta
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor
Harrisburg, Pa. 17120
mguhl@pa.gov pmcneal@gmail.com

very truly yours,



Vera Scroggins Pro se
71 Gus Park Lane, Brackney, Pa. 18812
607-237-9685
Dated: October 21, 2025

EXHIBIT 1

EMAIL FROM PAWC TO RESIDENTS OF DIMOCK, PA

AND

RESPONSE FROM DR. HILDENBRAND

AND

LETTER FROM CRAIG STEVENS ABOUT DIMOCK AND

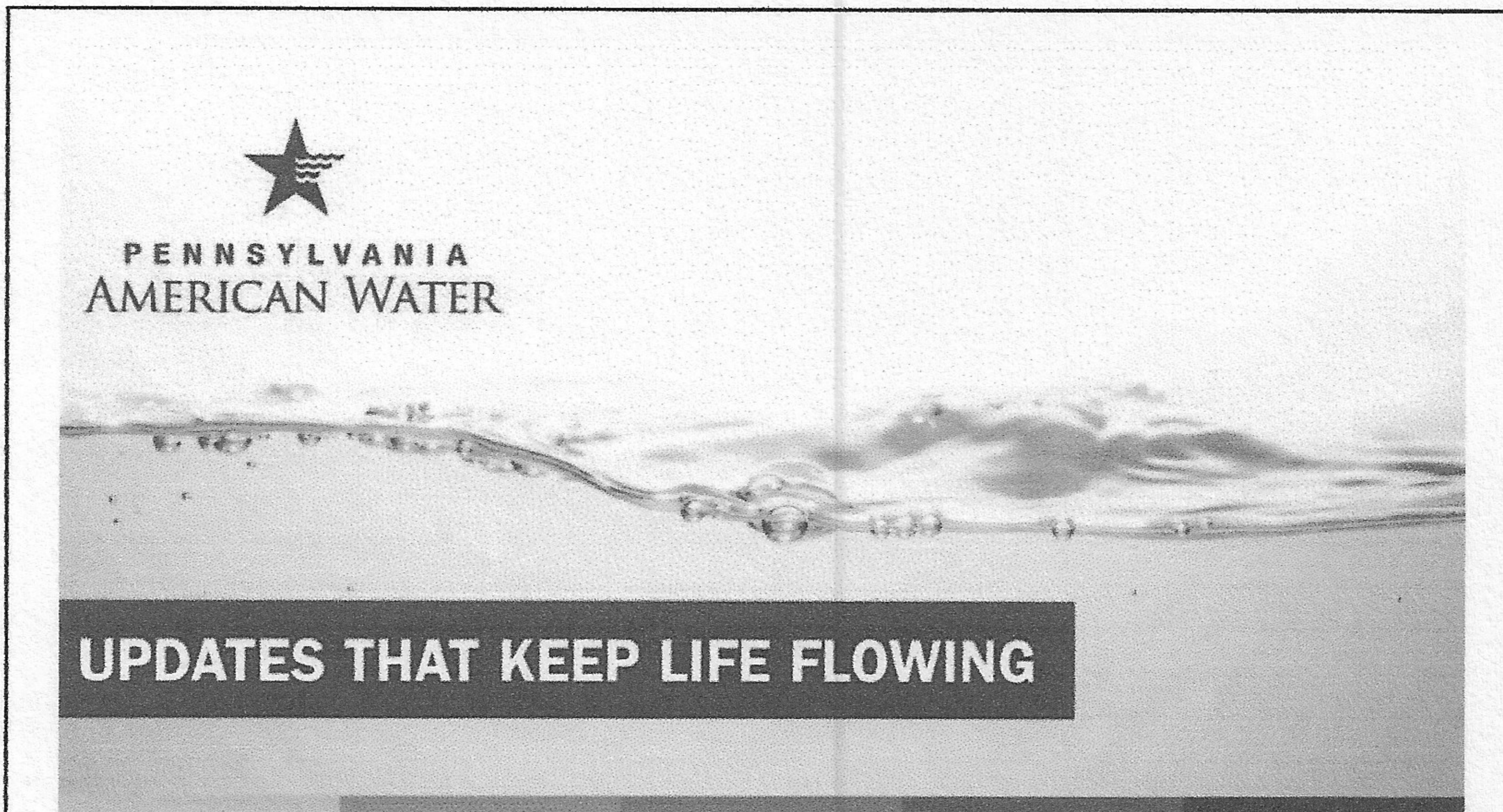
PAWC

Fwd: Dimock Water Quality Testing

Vera Scroggins <veraduerga@gmail.com>
To: "Vera Scroggins (Progressive Media)" <veraduerga@gmail.com>

Tue, Oct 21, 2025 at 7:51 PM

From: Pennsylvania American Water <pa.communityrelations@amwater.ccsend.com>
Date: October 17, 2025 at 8:08:15 PM EDT
To: raykem55@gmail.com
Subject: Dimock Water Quality Testing
Reply-To: pa.communityrelations@amwater.com



We are reaching out with a project update for you as a future customer to be served by the public water system in **Dimock Township**, Susquehanna County.

As you may know, Pennsylvania American Water Company (PAWC) recently finished drilling two new groundwater wells as potential sources of supply for the Dimock water system. Well-pumping tests were conducted, and untreated raw water samples were collected and sent to a certified laboratory for analysis in accordance with the Pennsylvania Department of Environmental Protection's (PA DEP) new source sampling requirements.

The new source sampling requirements follow the U.S. Environmental Protection Agency (EPA)'s drinking water standards, which are divided into primary standards addressing health concerns and secondary standards addressing aesthetic issues, such as color, taste, and odor. PAWC's proposed water treatment system will treat the drinking water to meet both primary and secondary drinking water standards, known as maximum contaminant levels (MCLs) and secondary maximum contaminant levels (SMCLs), respectively.

We recently received the raw water-quality results for samples taken from each well. The laboratory results showed that certain naturally occurring substances, including radionuclides and barium, exceeded the primary MCLs. While chloride, manganese, and total dissolved solids (TDS) exceeded the SMCLs.

The list below shows the regulated drinking water contaminants detected in the wells. Additionally, PAWC is providing a list of specific unregulated contaminants, as requested by the PA DEP, that were detected in the wells.

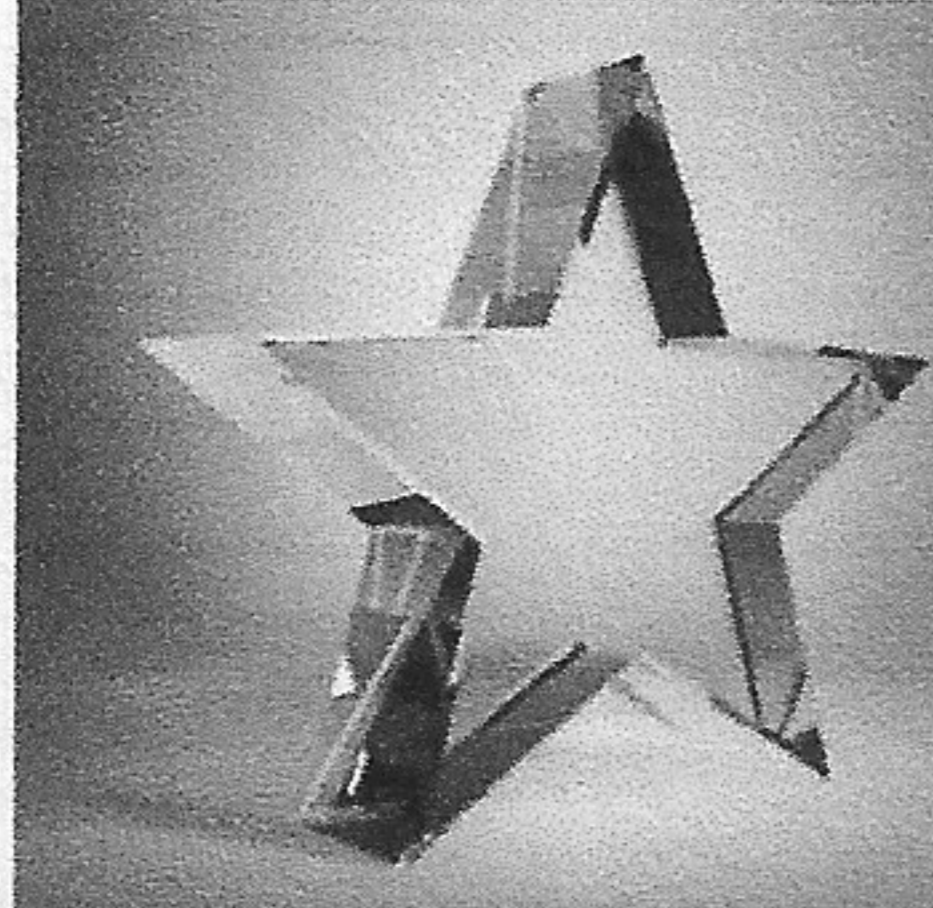
As a reminder, contaminants in raw water often exceed primary and/or secondary drinking water standards. The treatment system PAWC designed for Dimock will effectively treat raw well water, ensuring the water delivered to your homes complies with all EPA and PA DEP safe drinking water standards. Water quality will be continuously monitored.

If you're interested in learning more about this treatment and sampling processes, or want to discuss our Dimock public water system project further, please get in touch with us at PA.Communityrelations@amwater.com.

Primary Contaminants	Analytical Method	MCL	Well #1 Results	Well #2 Results
Total Coliform	SM 9223 B-2016	<1 MPN/100 mL	ND	1.0 MPN/100 mL
Total Coliform	SM 9223 B-2016	<1 MPN/100 mL	ND	1.0 MPN/100 mL
Arsenic	EPA 200.8	0.01 mg/L	ND	0.0007 mg/L
Barium	EPA 200.7/4.4	2 mg/L	5.89 mg/L	5.52 mg/L
Fluoride	EPA 300.0/2.1	2 mg/L	0.424 mg/L	0.431 mg/L
Selenium	EPA 200.8/Rev. 5.4	50 ug/L	11.6 ug/L	10.6 ug/L
Toluene	EPA 524.2/4.1	1,000 ug/L	1.52 ug/L	0.860 ug/L
Alpha Particles (Gross Alpha)	EPA 900.0	15 pCi/L	20.2 ± 2.75	16.7 ± 2.88
Beta Particles and Photo Emitters (Gross Beta)	EPA 900.0	4 mrem/yr	12.7 ± 1.46 pCi/L	3.64 ± 1.37 pCi/L
Combined Radium (226+228)	(226: EPA 903.1, 228: EPA 904.0)	5 pCi/L	8.48 ± 1.22 pCi/L	5.65 ± 1.1 pCi/L
Radium 226	EPA 903.1	N/A	6.34 ± 1.11 pCi/L	3.59 ± 0.940 pCi/L
Radium 228	EPA 904.0	N/A	2.14 ± 0.497 pCi/L	2.06 ± 0.471 pCi/L
Uranium	ASTM D5174-97	30 ug/L	0.191 ± 0.004 pCi/L	0.461 ± 0.008 pCi/L

Secondary Contaminants	Analytical Method	SMCL	Well #1 Results	Well #2 Results
pH	SM 4500-H+B-11	6.5-8.5	8.28	8.3
Hardness	SM 4500 CN C+E+G-16	N/A	155 mg equiv CaCO3/L	165 mg equiv CaCO3/L
Foaming Agents (MBAS)	SM 5540 C-11	0.5 mg/L	0.0150 mg/L	ND
Manganese	EPA 200.7/4.4	0.05 mg/L	0.0774 mg/L	0.177 mg/L
Turbidity	SM 2130 B-11	1 NTU	0.35 NTU	0.20 NTU
Sulfate (as SO4)	EPA 300.0/2.1	250 mg/L	0.445 mg/L	0.932 mg/L
Chloride	EPA 300.0/2.1	250 mg/L	412 mg/L	441 mg/L
Total Dissolved Solids (TDS)	SM 2540C-15	500 mg/L	810 mg/L	894 mg/L

Additional Contaminant	Analytical Method	Well #1 Result	Well #2 Result
Propane	RSK 175	0.00195 mg/L	0.00205 mg/L
Ethane	RSK 175	0.129 mg/L	0.126 mg/L
Methane	RSK 175	11.2 mg/L	11.5 mg/L
Bromide	EPA 300.0/2.1	3.73 mg/L	3.74 mg/L
Boron	EPA 200.8/Rev. 5.4	105 ug/L	109 ug/L
Strontium	EPA 200.8/Rev. 5.4	3,750 ug/L	3,520 ug/L
Lithium	EPA 200.7/4.4	0.732 mg/L	0.774 mg/L
Sodium	EPA 200.7/4.4	233 mg/L	247 mg/L
Potassium	EPA 200.7/4.4	3.92 mg/L	4.17 mg/L
Calcium	EPA 200.7/4.4	46.4 mg/L	49.7 mg/L
Magnesium	EPA 200.7/4.4	9.57 mg/L	9.98 mg/L



American Water Awards & Recognition Highlights

The company was recognized as one of:

- Forbes 2025 Most Trusted Companies in America
- Forbes 2024 America's Best Large Employers
- Newsweek's 2025 America's Most Responsible Companies
- Barron's 2024 100 Most Sustainable U.S. Companies
- America's Most JUST Companies by JUST Capital and CNBC

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Fwd: Dimock Water Quality Testing

Vera Scroggins <veraduerga@gmail.com>
To: "Vera Scroggins (Progressive Media)" <veraduerga@gmail.com>

Tue, Oct 21, 2025 at 7:37 PM

Sent from my iPhone

Begin forwarded message:

From: Zacariah Hildenbrand <zac@informenv.com>
Date: October 18, 2025 at 6:02:10 AM EDT
To: Ray Kem <raykem55@gmail.com>

Subject: Re: Dimock Water Quality Testing

Good Morning Ray,

These are surprising results indeed and they certainly warrant further investigation. Even through the scant amount of information that is provided you can immediately tell that these waters are contaminated with thermogenic gas, which necessitates additional isotopic analysis to determine where it is coming from. Additionally the detection of BTEX constituents, MBAS, and NORM is concerning. Lastly, the EPA's Safe Drinking Water Act is inadequate in covering all the potential contaminants that we see in today's world. This is to say that even if they were to treat this water to a state of SDWA compliance, which warrants an explanation of the treatment modalities that will be applied here, there needs to be more comprehensive testing for a wide suite of VOCs, SVOCs, and PFAS that could be in the water. I would also recommend that whole effluent toxicity (WET) testing be applied to this water to provide some biological context to the relative safety of this water (once it is treated).

Do you have an idea as to when you will get the results of the treated water? Clearly, I have major concerns about using this as a feedstock for a treatment process that will then serve as a drinking water source. To be completely honest, this water in its current state, is actually worse than some of the treated produced water I am seeing out of the Permian Basin here in Texas after it goes through pre-treatment (oxidation and advanced filtration), desalination, and post-treatment (zeolite and activated carbon).

I appreciate you sharing these data and please let me know how I can help you further,

ZLH



Zacariah Hildenbrand, Ph.D.
Partner, Medusa Analytical
M: 915-694-7132

[Quoted text hidden]

Craig Stevens Letter About Dimock and PAWC - Oct. 2025

1 message

Vera Scroggins <veraduerga@gmail.com>

Tue, Oct 21, 2025 at 8:17 PM

To: "Vera Scroggins (Progressive Media)" <veraduerga@gmail.com>

**From: Craig L Stevens
Silver Lake Township
Susquehanna County, Pa.
Monday, Oct 20, 2025**

Hello Bob,

This story in Dimock is getting more and more ridiculous as the years pass by, this [see email message below] was sent from the group Medusa who has tested the water in Dimock at least 4 times now, including July of 2021.

The Dimock area known as the 9 square mile affected area since November 4th 2009 started on September 11th 2008 when 33 private water wells were impacted in one day and the PA DEP was contacted and they took 14 months to make a determination while the law requires 45 days ???

The DEP Secretary John Hanger was able to get funding from Penn Vest in 2010 for \$11.7 million dollars to build a water Line from PAWC Lake Montrose Water System to Dimock but due to politics that was dropped and the citizens suffered for 12 more years with severely contaminated water.

This is an has been a Direct Violation of Article 1 Section 27 of the PA Constitution, The Right to Clean Air, Water and Environment until Attorney General Shapiro, after meeting with Gas Drilling Affected Residents on May 4th 2017 with 17 witnesses, which started the largest Investigation Into Environmental Crimes in PA and filed 9 felonies and 6 Misdemeanors against Cabot Oil & Gas - now Coterra - in June of 2020, which was a first time in the USA that an AG charged a drilling company.

The PA AG then told the residents in July of 2021 they were having Medusa Analytical come to Dimock and do the most comprehensive testing ever done to 27 homes at a cost of \$250,000 or more which was odd since the charges had already been filed and this seemed strange but we were told that it would help with the case against Cabot / Coterra adding more evidence to the already Direct Evidence they had found.

The testing was completed and results were available by September of 2021 but the PA AG Shapiro then waited until December 2021 to meet with the tested residents to go over the individual results, but much to our surprise they only provided Spreadsheets not the Lab Test Results, and Rebecca Franz and Justice Brambley for PA AG started pressuring the families to accept a Filter System instead of a Pipeline and they had the audacity to bring Cabot attorneys with them without notifying the families to help convince them.

When Franz and Brambley were asked if they would live in the house for a month and use the water for cooking, drinking, bathing and laundering they refused, maybe they knew that PA DEP had ruled out the use of Filtration Systems as an alternative to a Pipeline in a Consent Order Agreement in July of 2010 !

On November 29th 2022 PA AG Shapiro prosecuted Cabot / Coterra in Susquehanna County Court and after presenting evidence and having Impacted residents Ray Kemble and Scott Ely testify, they dropped all misdemeanors and 8 of the felonies and reduced 1 felony to a misdemeanor so the company could continue drilling and without letting the victims at the same time the DEP signed to let Coterra drill again.

The victims are still waiting for clean water and are only getting 1 gallon, 2-1/2 gallon and 5 gallon bottles dropped off but no bulk water deliveries to shower, bathe and launder with that Coterra is still delivering to many unknown families in the area, even some across the street from the homes waiting for the

\$16.3 million dollar water line that is not required to be completed until December 31st of 2027 or 5 years later !

We the People are again demanding that the PA AG's office release the test results that Rebecca Franz has been hiding from us for 3-1/2 years now as they would be considered pre-drill testing and has been FOIA'd multiple times but the PA AG office says the documents are being used in a Criminal Case which ended 3 Years ago and now we have 13 families in Acre Lake whose Water was contaminated from over 6 thousand feet away.

The PAWC bought a property that Cabot had purchased in 2018 due to contaminating it from gas drilling and guess where PAWC decided to drill the water wells and build the Water Treatment Plant for Dimock ?

Of course they bought the contaminated property from Cabot / Coterra which is a Direct Conflict of Interest and as mentioned below would be a very difficult area to get clean water to provide to those already harmed ?

As you can read below, the company that did the testing, company who did the 27 tests in 2021 are questioning the ability to even clean the water, Why is PAWC telling the Citizens they can provide clean water even though the Public Water System has not even been built yet and may not be for 2 more years if ever, the Commonwealth signed the drill permits so they are responsible for getting these people Clean Water Now With No Excuses !

Maybe we should have told Cabot / Coterra that as soon as the Safe & Clean Water is provided to the victims then Cabot / Coterra can begin drilling which they have already been doing for almost 3 years already, and now Coterra has been found to have poisoned the Acre Lake area from 3 years ago, and still no clean water for those families either, along with the Greene County community of Freeport, PA declaring a water contamination emergency !

We need elected officials To demand that DEP start doing their jobs and stop protecting the Oil & Gas Drillers !

Craig L Stevens
Patriots from the Oil & Gas Shales
Impacted Resident from Pipeline Installation
6th Generation Landowner
Silver Lake Township
Susquehanna County, Pa.
clsCraigstevens@gmail.com
Cell 949 456 6104