

Bennett, James

From: Irene Surmik <gardenis@verizon.net>
Sent: Wednesday, August 02, 2017 9:04 PM
To: Scavello, Grant
Subject: Do not approve permit #PAS2D701BALL to dispose oil and gas wastewater in Plum

Categories: Penneco - Hearing

I am writing as a Pennsylvania resident to urge you not to approve the proposed permit for Penneco Environmental Solutions to dispose oil and gas wastewater in Plum Borough, PA.

I do not want to see our water supplies threatened by the many toxic chemicals found in drilling waste, and the site is too close to the 40 oil and gas wells already existing in Plum. Additionally, the transport and storage of millions of gallons of hazardous wastewater is a risk to nearby residents from spills and accidents which EPA does not have the resources to monitor.

Further, EPA should not be granting a permit to Penneco which has a long history of violations of oil and gas rules in Pennsylvania. Penneco has a record of environmental management including spills and water contamination, some of which have previously happened in Plum.

Thank you.

Ms. Irene Surmik
205 Union Street
Pittsburgh, PA 15221
4127312805

Bennett, James

From: Sandra Agnew <sandyagnew@comcast.net>
Sent: Thursday, August 03, 2017 8:25 AM
To: Scavello, Grant
Subject: Do not approve permit #PAS2D701BALL to dispose oil and gas wastewater in Plum

Categories: Penneco - Hearing

I am writing as a Pennsylvania resident to urge you not to approve the proposed permit for Penneco Environmental Solutions to dispose oil and gas wastewater in Plum Borough, PA.

I do not want to see our water supplies threatened by the many toxic chemicals found in drilling waste, and the site is too close to the 40 oil and gas wells already existing in Plum. Additionally, the transport and storage of millions of gallons of hazardous wastewater is a risk to nearby residents from spills and accidents which EPA does not have the resources to monitor.

Further, EPA should not be granting a permit to Penneco which has a long history of violations of oil and gas rules in Pennsylvania. Penneco has a record of environmental management including spills and water contamination, some of which have previously happened in Plum.

Thank you.

Mrs. Sandra Agnew
436 Sulgrave Rd
PITTSBURGH, PA 15211
412-381-2972

Bennett, James

From: LAURA ABBOTT DECAROLIS <ljad0726@comcast.net>
Sent: Monday, July 31, 2017 8:05 AM
To: Bennett, James
Subject: Concern Re: Proposed Permit for Injection Well in Plum Borough

Dear Mr. Bennett:

I am writing to you as a lifelong resident of Plum Borough regarding my deep concern over the proposed permit for an injection well on Old Leechburg Road in Plum Borough.

I believe there is an overwhelming amount of reasons for my concern such as the potential for contamination of water, chemicals and radioactivity being pumped into the ground, lack of proper infrastructure to support the traffic, the fact that Plum is undermined, and Penneco's increasingly bad reputation, to name a few. I am fearful that we won't be able to fully realize the damage this well could cause until years down the road, when it's too late.

I have lived in Plum Borough my entire life. Despite the extremely high property taxes assessed for residents of Plum, I choose to stay because it is a quiet, safe, and rural community. If this well is approved for Plum, I fear that will change. Therefore, I am pleading that you not allow this project to move forward in Plum.

Sincerely,

Laura Abbott DeCarolis

769 Glengarry Court

Pittsburgh, PA 15239

Bennett, James

From: Dave Bindewald <dabindewald@gmail.com>
Sent: Tuesday, July 25, 2017 2:04 PM
To: Scavello, Grant
Subject: Concern

Categories: Penneco - Hearing

To Whom It May Concern:

My name is Dave Bindewald. I live in Pittsburgh and frequently use the public parks, fountains, rivers, streams, and creeks in and around our area. I am writing to urge you not to approve the proposed permit for Penneco Environmental Solutions to dispose oil and gas wastewater in Plum Borough, PA. I do not want to see our water supplies threatened by the many toxic chemicals found in drilling waste, and the site is too close to the 40 oil and gas wells already existing in Plum. Further, the transport and storage of millions of gallons of hazardous wastewater is a risk to nearby residents from spills and accidents which EPA does not have the resources to monitor.

Thank you,
Dave

Bennett, James

From: Robert DiPasquale <rdipasqu@tepper.cmu.edu>
Sent: Friday, July 21, 2017 2:35 PM
To: Scavello, Grant
Subject: Penneco Permit

Categories: Penneco - Hearing

I would like to voice my staunch opposition to the proposed Penneco oil and gas wastewater well in Plum Borough. I am a resident of Plum and firmly believe that this project presents multiple risks to my family and should not be allowed to proceed in our borough.

Thank you,
Robert M. DiPasquale

Sent from my iPhone

Bennett, James

From: Susan Stewart-Bayne <sasy302@aol.com>
Sent: Wednesday, July 19, 2017 4:34 PM
To: Scavello, Grant
Subject: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

Categories: Penneco - Hearing

Dear Mr. Scavello,

I am asking that you have an EPA hearing on the draft permit for an injection well for Penneco Environmental Solutions, LLC located in Plum, PA.

The risk of seismic activity concerns me greatly, especially since according to scientists, increased seismic activity is associated with wastewater disposal wells in states such as Oklahoma, Colorado, Arkansas, Ohio, and Texas. I have chosen to live in one of the states least likely to have earthquakes and want to keep it that way! As a concerned citizen of an area already being impacted by fracking activity, I am aware that transporting this waste means increased truck traffic, and more danger in our community!

Please hold a public hearing on this issue.

Thank you,

Susan Stewart-Bayne MEd., BCBA, LBS
4810 Warner Drive
Murrysville, PA 15668

Bennett, James

From: Jenna Date <jrdate@gmail.com>
Sent: Wednesday, July 19, 2017 4:26 PM
To: Scavello, Grant
Subject: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

Categories: Penneco - Hearing

Dear Mr. Scavello,

Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

My name is Jenna Date. I am a resident of Pittsburgh, a mother and a small business owner. I would like to request a hearing on the draft permit for an injection well for Penneco Environmental Solutions, LLC in Plum Borough, PA.

Among the issues I wish to raise at the hearing include the risk of seismic (earthquake) activity. According to USGS scientists, increased seismic activity is associated with wastewater disposal wells in states such as Oklahoma, Colorado, Arkansas, Ohio, and Texas.

During the first half of 2016, in N. Lima, Mahoning County, OH, a single injection well took in 248,384 barrels (10,432,128 gallons) of liquid waste. Transporting this waste means dangerous truck traffic, and injecting it into the ground means increased seismic activity.

I am frightened for my children's future, the drinking water, and the planet.

Please hold a public hearing on this issue. Please do not allow fracking and injection wells to enter our region. They are a danger to human health and well being.'

Jenna Date

Jenna Date Design, LLC
jrdate@gmail.com
412.414.3529

Bennett, James

From: Elizabeth Donohoe <shiatsuworks@yahoo.com>
Sent: Wednesday, July 19, 2017 4:05 PM
To: Scavello, Grant
Subject: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

Categories: Penneco - Hearing

Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

Mr. Scavello and staff,

This injection well for Penneco Environmental Solutions, LLC in Plum Borough, PA requires a public hearing, to be brief and to the point. The potential for earthquakes (as has happened in other states with disposal well) and the dangers of transporting toxic chemicals are among the considerations that need to be transparently discussed in front of those whose lives will be directly impacted.

Hold a public hearing, Mr. Scarvello, and thank you in advance for making decisions that benefit the lives people of Pennsylvania and its land and water; *nothing else matters when those things are not your top priority at the EPA.*

**Elizabeth Donohoe
Pittsburgh**

Bennett, James

From: Michelle Naccarati-Chapkis <Michelle@womenforahealthyenvironment.org>
Sent: Thursday, July 20, 2017 11:27 AM
To: Scavello, Grant
Cc: dsoboslay@plumboro.com; rhrivnak@plumboro.com; mdell@plumboro.com; mthomas@plumboro.com
Subject: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL
Categories: Penneco - Hearing

Dear Mr. Scavello,

Women for a Healthy Environment is a nonprofit organization located in Allegheny County that, through education and advocacy, addresses environmental exposures that impact public health. I am writing in regards to the proposed injection well for Penneco Environmental Solutions, LLC in Plum Borough, Allegheny County. I urge your office to hold a public hearing on July 26, 2017 at the Plum Community Center, so that residents of this community, as well as Allegheny County and neighboring Westmoreland County, have an opportunity to learn more about this proposed project and provide public input.

According to the U.S. Geological Survey (USGS) "Wastewater disposal wells typically operate for longer durations and inject much more fluid than hydraulic fracturing, making them more likely to induce earthquakes." This type of seismic activity has been experienced in Oklahoma, Colorado, Arkansas, Ohio, and Texas. USGS further states, "Evidence indicating the presence of wastewaters from unconventional oil and gas production was found in surface waters and sediments near an underground injection well near Fayetteville, West Virginia, according to two recent studies by the U.S. Geological Survey, University of Missouri, and Duke University." In addition, there is a significant amount of truck traffic experienced with this type of development, which often leads to reduced air quality due to particulate matter and other hazardous air emissions.

This is certainly a new type of oil and gas development for the County, and this community. The community deserves the right to be fully informed of this application to EPA, as well as the decision-making process, to ask questions, and to express their concerns. I spoke with Plum Borough staff last evening and they too had little knowledge of this proposed project, other than a request for location of a community space. Should the public meeting be granted, our organization plans to present public comments as well.

I am available and happy to discuss this matter further with you.

My best,

Michelle Naccarati-Chapkis
Executive Director
Women for a Healthy Environment
5877 Commerce Street, Suite 114
Pittsburgh, PA 15206
412.404.2872
www.WomenForAHealthyEnvironment.org
www.HealthySchoolsPA.org

Bennett, James

From: Melissa Marshall <melissa@mtwatershed.com>
Sent: Thursday, July 20, 2017 11:27 AM
To: Scavello, Grant
Subject: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

Categories: Penneco - Hearing

Dear Mr. Scavello,

I write to you from the Mountain Watershed Association, home of the Youghiogheny Riverkeeper. I wish to impart to you the importance of the EPA holding a hearing on the draft permit for an injection well for Penneco Environmental Solutions, LLC in Plum Borough, PA.

Among the issues I wish to raise at the hearing include the risk of water contamination and of seismic (earthquake) activity.

During the first half of 2016, in N. Lima, Mahoning County, OH, a single injection well took in 248,384 barrels (**10,432,128** gallons) of liquid waste. Transporting this waste means dangerous truck traffic, and injecting it into the ground means increased seismic activity.

Particularly here in western PA, we are still recovering from the devastating legacy of coal mining. Our efforts for stream restoration would potentially be reversed or stalled if one of these wells were to contaminate the watershed.

Please hold a public hearing on this issue.

See US EPA Notice: <https://www.epa.gov/sites/production/files/2017-06/documents/finaloptimizedforweb.penneco.publicnotice.6.22.17.pdf>

Thank you,

--

Melissa Marshall, Esq.
Community Advocate
Mountain Watershed Association
T: 724-455-4200x7
F: 724-455-4201
www.mtwatershed.org

Bennett, James

From: Judy Evans <jce1@windstream.net>
Sent: Thursday, July 20, 2017 9:36 AM
To: Scavello, Grant
Subject: Draft Permit: Penneco, LLC PAS2D701BALL

Categories: Penneco - Hearing

Grant Scavello
Project Manager

Dear Mr. Scavello,

I am writing to request a public hearing prior to granting the permit for the subject commercial brine disposal injection well, Sedat #3A. located in Plum Borough.

I have no technical or professional knowledge regarding injection well drilling but I live in Murrysville, adjacent to Plum Borough and have concerns about the effect this well will have on the Murrysville Sands and seepage into adjacent areas. In addition, I have the following questions:

What risk assessment studies, i.e., seismic activity, etc., have been done for this activity?
What studies have been done regarding other wells within the proposed area of this activity?
What studies have been done to determine if coal mining has been done in the area of this activity?
What effect will the truck traffic have on access roads to this location?

These are just questions that come to mind initially. I'm sure more will occur as time goes by and I think more carefully about the issue. I will leave the technical, professional questions to those who are qualified to ask them.

Please consider holding a hearing prior to granting this permit. I would think that would be your responsibility to those who will be affected by an injection well, given the history of what has occurred in area of the country which have had experience with injection wells.

Sincerely,

Judy Evans
4068 Hills Church Rd
Murrysville PA

Bennett, James

From: Lois Drumheller <l_drumheller@mac.com>
Sent: Wednesday, August 09, 2017 8:22 PM
To: Bennett, James
Subject: Comment to Produced Fluid Disposal Well, Plum, PA PERMIT NUMBER PAS2D701BALL

Dear Mr. Bennett,

Please accept this email as my comment on the wastewater injection well proposed for Plum, PA PERMIT NUMBER PAS2D701BALL. This proposed Produced Fluid Disposal injection well threatens the safety of drinking water due to it's proximity to private water wells, the Beaver Run Reservoir and Pucketa Creek where residents from Allegheny and Westmoreland counties acquire their water. The EPA should reject the current application and require a broader Area of Review due to unique conduits for contamination, both man-made (unplugged wells, high pressure injection, and mine subsidence issues) and natural (faults). EPA should increase the Area of Review (AOR) from .25 mile to .5 miles, in which Penneco is responsible for assuring the integrity of other wells. The current AOR disregards the proximity of at least 2 other wells--one immediately (.26 mile) outside of the AOR, and 10 additional wells that would be included in the .5 mile radius.

The location of the proposed well is classified by the Pennsylvania Department of Environmental Protection (DEP) as a mine subsidence risk area, where insurance is recommended for homeowners. Mine subsidence threatens to cause cement casing failure and in turn, creates pathways for disposed fluids to enter drinking water supplies. EPA has not evaluated cementing for any of the wells in Area of Review (AOR), of .25 miles. Cement casings are outdated and the integrity of these casings are uncertain making it impossible to say with certainty that the increased pressure from the planned injection of produced fluids will not harm our drinking water.

Sincerely,

Oliver J and Lois U Drumheller
200 Scott Drive
Monroeville, PA 15146
412-374-0870

Bennett, James

From: Kimberly Egan <Kimberlyegan@yahoo.com>
Sent: Friday, September 08, 2017 8:10 AM
To: Scavello, Grant
Subject: Do not approve permit #PAS2D701BALL to dispose oil and gas wastewater in Plum

I am writing as a Pennsylvania resident to urge you not to approve the proposed permit for Penneco Environmental Solutions to dispose oil and gas wastewater in Plum Borough, PA.

I do not want to see our water supplies threatened by the many toxic chemicals found in drilling waste, and the site is too close to the 40 oil and gas wells already existing in Plum. Additionally, the transport and storage of millions of gallons of hazardous wastewater is a risk to nearby residents from spills and accidents which EPA does not have the resources to monitor.

Further, EPA should not be granting a permit to Penneco which has a long history of violations of oil and gas rules in Pennsylvania. Penneco has a record of environmental management including spills and water contamination, some of which have previously happened in Plum.

Thank you.

Ms. Kimberly Egan
768 Village Club Dr
Wexford, PA 15090

Bennett, James

From: Leigh-Anne from Airheads Balloon Art <laweiss@airheadsballoonart.com>
Sent: Monday, July 31, 2017 1:25 PM
To: Bennett, James
Cc: Scavello, Grant
Subject: epa letter
Attachments: epa letter.docx

Importance: High

Hard copy mailed today

July 31, 2017

**Environmental Protection Agency Region III
c/o James C. Bennett Jr., Branch Chief
Water Protection Division
1650 Arch Street (3WP22)
Philadelphia, PA 19103
E:Mail: bennett.james@epa.gov**

Dear Mr. Bennett,

I am writing to you as a concerned citizen and parent of two school aged children. We reside in Plum Borough where you are considering a permit, applied for by Penneco Oil & Gas, to use an old gas well located off of Old Leechburg Road as an injection well. The draft permit will allow PENNECO to convert and operate one well for the injection of produced fluids from oil and gas operations into the ground at an interval depth of 1,896 – 1,936 feet. The permit will be valid for 10 years from the date of signing. I have serious concerns about the safety of this process and how it might adversely impact my community.

I attended the hearing after hearing about it from another concerned friend. I do not belong to an environmental group and do not consider myself an activist. I believe however in the most basic human right of safe, clean water and I feel that allowing this permit will jeopardize that right. After hearing all that was said at the hearing, I can see no benefit to Plum Borough to allow this risk to our health.

At the hearing I was sitting behind representatives of Penneco. I was aghast at the cavalier attitude that they conveyed throughout the meeting. I worry that they will not properly address citizen concerns and in fact will only do what is in the best interest of the company.

I hope that you will act in the best interest of the families of Plum Borough and deny this permit.

Respectfully,

Leigh Weiss
425 Vale Avenue
Plum, PA 15239
412-951-6106

Bennett, James

From: Aaron Booz <aaronbooz@gmail.com>
Sent: Thursday, July 20, 2017 9:57 AM
To: Scavello, Grant
Subject: Don't permit the injection well; hold a hearing

Categories: Penneco - Hearing

Dear Mr. Scavello,

Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

I write to you in support of the EPA convening a hearing on the draft permit for an injection well for Penneco Environmental Solutions, LLC in Plum Borough, PA.

Among the issues I wish to raise at the hearing include the risk of seismic (earthquake) activity. According to USGS scientists, increased seismic activity is associated with wastewater disposal wells in states such as Oklahoma, Colorado, Arkansas, Ohio, and Texas.

During the first half of 2016, in N. Lima, Mahoning County, OH, a single injection well took in 248,384 barrels (**10,432,128** gallons) of liquid waste. Transporting this waste means dangerous truck traffic, and injecting it into the ground means increased seismic activity.

Please hold a public hearing on this issue.

Bennett, James

From: Gillian Graber <gilliangraber@gmail.com>
Sent: Wednesday, July 19, 2017 2:20 PM
To: Scavello, Grant
Subject: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

Categories: Penneco - Hearing

Dear Mr. Scavello

Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

I write to you in support of the EPA convening a hearing on the draft permit for an injection well for Penneco Environmental Solutions, LLC in Plum Borough, PA.

Among the issues I wish to raise at the hearing include the risk of seismic (earthquake) activity. According to USGS scientists, increased seismic activity is associated with wastewater disposal wells in states such as Oklahoma, Colorado, Arkansas, Ohio, and Texas.

During the first half of 2016, in N. Lima, Mahoning County, OH, a single injection well took in 248,384 barrels (**10,432,128** gallons) of liquid waste. Transporting this waste means dangerous truck traffic, and injecting it into the ground means increased seismic activity.

Please hold a public hearing on this issue.

Sincere Regards,

Gillian Graber

Bennett, James

From: Lois Drumheller <l_drumheller@mac.com>
Sent: Wednesday, July 19, 2017 11:10 PM
To: Scavello, Grant
Subject: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

Categories: Penneco - Hearing

Dear Mr. Scavello,

We support a public hearing with the EPA for the purpose of providing testimony re: the draft permit for an injection well in Plum Borough, PA. (Penneco Environmental Solutions, LLC in Plum Borough, PA).

Among the issues we wish to raise at the hearing include contamination from treated wastewater, the risk of seismic (earthquake) activity and personal and property damage. Note: Boyce Park in Allegheny County is located in Plum and serves our citizens. It needs to be protected. According to USGS scientists, increased seismic activity is associated with wastewater disposal wells in states such as Oklahoma, Colorado, Arkansas, Ohio, and Texas. Recent study of the Marcellus Shale Region demonstrates that wastewater from hydraulic fracturing operations leaves significant contamination in a waterway downstream of treatment plants.

Please hold a public hearing on this issue.

Lois U. and Oliver J Drumheller

200 Scott Drive

Monroeville

l_drumheller@me.com

412.374.0870-412.736.1765 (m)

Bennett, James

From: Maureen Wach <mwach@LevinFurniture.com>
Sent: Monday, August 07, 2017 11:09 AM
To: Bennett, James
Subject: FRACKING IN PLUM BORO

I am a resident of Plum Boro and I am against the fracking in the borough. It will not be good and it will be harmful to the residents of this borough for many reasons. It can also effect neighboring towns and boroughs. I have been a resident since 1973 and I am asking for your support not to allow the permit.

Bennett, James

From: Kimberly R. Jones <kimberlyrjones@me.com>
Sent: Friday, July 28, 2017 1:57 PM
To: Bennett, James
Subject: Fracking Wastewater Disposal in Plum, PA

Hi Mr. Bennett,

I'm a home owner in Plum Borough, PA and I'm writing you to express my deep concern and disapproval of issuing a permit to dump fracking wastewater into our community.

I am opposed to allowing fracking wastewater into our community for the following reasons:

1. **Earthquakes** - The state of Texas explains how oil and gas disposal wells can cause earthquakes. <https://stateimpact.npr.org/texas/tag/earthquake/>
2. **Earthquakes** - NBC news reported on studies that have connected earthquakes to fracking and underground injection wells in Ohio and Oklahoma. <http://www.nbcnews.com/science/fracking-energy-exploration-connected-earthquakes-say-studies-6C10604071>
3. **Environmental Pollution** - The Pittsburgh Post Gazette reported The Pennsylvania Medical Society has called for a moratorium on new shale gas drilling and hydraulic fracturing and is urging the state to establish an independent health registry and start studying fracking's public health impacts. The report also states "Pennsylvania has invested heavily into shale gas drilling, but in-state health studies have demonstrated worsening asthma, premature births, neurological and mental symptoms, and other adverse effects,". My 11 year old daughter and myself have personally experienced an increase in asthmatic episodes. <http://www.post-gazette.com/local/region/2016/10/27/Doctors-group-calls-for-moratorium-on-fracking-in-Pennsylvania/stories/201610270226>
4. **Environmental Pollution** - According to Protect Pennsylvania, many communities that benefited economically from the initial shale gas boom are now experiencing environmental and human health consequences. Wastewater disposal often results in environmental pollution and, consequently, harm to human health.
5. **Lowers Property Value** - The mere mentioning of fracking and fracking wastewater disposal in the proximity of a home reduces the value of the home by 15% or \$30,000. <http://www.dukechronicle.com/article/2016/01/study-shows-fracking-leads-to-falling-property-value>, <http://www.aresjournals.org/doi/abs/10.5555/reli.21.2.k3t42212626j4783?code=ares-site>

Please do not issue a permit for the dumping of fracking wastewater into our community.

Sincerely,

Mrs. Kimberly Jones

Kimberly R. Jones
Kellywood Estates
25 Kellywood Court
New Kensington, PA 15068
(724) 448-7266
kimberlyrjones@me.com

Bennett, James

From: Alexandra Lancianese <acdeloia@gmail.com>
Sent: Tuesday, July 25, 2017 2:53 PM
To: Scavello, Grant
Subject: Fracking Wastewater Disposal Permit in Plum Borough, Allegheny County

Categories: Penneco - Hearing

Mr. Scavello,

I am writing as a Sewickley, Pennsylvania resident and soon-to-be mother to urge you not to approve the proposed permit for Penneco Environmental Solutions to dispose oil and gas wastewater in Plum Borough, PA. I do not want to see our water supplies threatened by the many toxic chemicals found in drilling waste, and the site is too close to the 40 oil and gas wells already existing in Plum. Furthermore, the transport and storage of millions of gallons of hazardous wastewater is a risk to nearby residents from spills and accidents which the EPA does not have the resources to monitor.

I am very concerned about the potential for this disposal site to contaminate nearby ground and surface water through spills, leaks, accidents, or failure of the millions of gallons of toxic wastewater to remain contained underground. I am sure you are aware that gas drilling wastewater contains hazardous contaminants, including heavy metals, toxic chemicals, and radioactive compounds.

Please do not issue a UIC permit to Penneco Environmental Solutions in Plum Borough.

Alexandra D. Lancianese
412.841.5121

Bennett, James

From: Michele Joyce <mbjcj4@verizon.net>
Sent: Tuesday, August 08, 2017 7:42 AM
To: Bennett, James
Subject: Fracking wastewater dumping in Plum

Dear Mr. Bennett,

I am writing to you to express my opposition to the to the proposed disposal of fracking wastewater in Plum Boro. It can't possibly be worth the risk to expose us to all sorts of known carcinogens that are in the fracking wastewater. Can we be guaranteed that there would be no spillage of these toxic chemicals, seismic activity, water contamination. My son was diagnosed with severe aplastic anemia when he was 6 years old. He is now 26 years old and in remission. He must avoid known toxins that are damaging to his bone marrow, benzene, toluene just to name a few. I love my town and my son loves it here, I can't believe I must worry about a company with known violations dumping toxic waste in my back yard. I implore you to decline this permit for the risks to this community are great. There has to be a better and more safe way to dispose of these fracking waste water fluids.

Sincerely

Michele Joyce
mbjcj4@verizon.net

Sent from my iPad

Bennett, James

From: Lori Brown <lmbpitt@verizon.net>
Sent: Wednesday, August 09, 2017 4:52 PM
To: Bennett, James
Subject: Fracking Wastewater Injection Well in Plum Borough

Dear Mr. Bennett,

I wanted to respectfully voice my strong opposition to the Wastewater Injection Well proposed for Plum Borough, Pennsylvania. It is of Great concern to myself and friends in my neighborhood. I fear that our drinking water can and will be contaminated, causing major health issues. In addition, much of our borough is built over mines. This proposed project would have a very detrimental effect on the foundation of most of the homes built in Plum. This is not only a concern for residents of Plum, but also of neighboring communities. There are too many hazards associated with this proposal and I ask that you please repeal any plans to allow the fracking wastewater injection well into our borough.

Sincerely,
Lori Brown

Bennett, James

From: Wendy Frase <wendyfrase22@gmail.com>
Sent: Thursday, August 10, 2017 8:14 AM
To: Bennett, James
Subject: Comment to Produced Fluid Disposal Well, Plum, PA PERMIT NUMBER PAS2D701BALL

Dear Mr. Bennett,

Please accept this email as my comment on the wastewater injection well proposed for Plum, PA PERMIT NUMBER PAS2D701BALL. This proposed Produced Fluid Disposal injection well threatens the safety of drinking water due to it's proximity to private water wells, the Beaver Run Reservoir and Pucketa Creek where residents from Allegheny and Westmoreland counties acquire their water. The EPA should reject the current application and require a broader Area of Review due to unique conduits for contamination, both man-made (unplugged wells, high pressure injection, and mine subsidence issues) and natural (faults). EPA should increase the Area of Review (AOR) from .25 mile to .5 miles, in which Penneco is responsible for assuring the integrity of other wells. The current AOR disregards the proximity of at least 2 other wells--one immediately (.26 mile) outside of the AOR, and 10 additional wells that would be included in the .5 mile radius.

The location of the proposed well is classified by the Pennsylvania Department of Environmental Protection (DEP) as a mine subsidence risk area, where insurance is recommended for homeowners. Mine subsidence threatens to cause cement casing failure and in turn, creates pathways for disposed fluids to enter drinking water supplies. EPA has not evaluated cementing for any of the wells in Area of Review (AOR), of .25 miles. Cement casings are outdated and the integrity of these casings are uncertain making it impossible to say with certainty that the increased pressure from the planned injection of produced fluids will not harm our drinking water.

Sincerely,

Wendy Frase

Bennett, James

From: Bill Frase <bfrase11@gmail.com>
Sent: Wednesday, August 09, 2017 6:43 PM
To: Bennett, James
Subject: Comment to Produced Fluid Disposal Well, Plum, PA PERMIT NUMBER PAS2D701BALL

Dear Mr. Bennett,

I am opposed to the proposed injection well in Plum.

I have many concerns about it including water supply contamination, subsidence and seismic activity.

When I think of an injection well, I think of it as being like taking a toxic substance and injecting it into my own skin. The crust of the earth is like a person's skin. The crust is not some static and dead substance. It is made of living matter that will respond according to how it is treated. Inject toxins into the crust, and we can expect the earth to respond in kind, not because it wants to, but because it must respond as natural law dictates. The reaction will be equal to the damage we do. Let us not engage in this damaging practice. We have already heaped incredible burdens upon our future generations through our self-deception. Let us not tell ourselves that money and other temporal things are more important than the health and welfare of our descendants.

Sincerely,

Bill Frase

Bennett, James

From: Ashley Funk <ashley@mtwatershed.com>
Sent: Wednesday, July 26, 2017 12:37 PM
To: Scavello, Grant
Subject: Re: Comment on plan to issue UIC Class II-D Permit to Penneco Environmental Solutions in Plum Borough

Categories: Penneco - Hearing

Hi Mr. Scavello,

Thank you for your response. In light of the public hearing, I made a few updates to my comment, which I will paste below. If possible, it can replace/update my previous comment. I'll be at the public hearing tonight - thank you for your work in making it happen.

Thanks,

Ashley Funk

I represent Mountain Watershed Association which serves as the home of the Youghiogheny Riverkeeper and as an advocate for communities and watersheds throughout Southwestern Pennsylvania. Our organization has worked with residents in Plum Borough who are concerned about the risks of developing gas infrastructure in their community through the Protect Our Children Coalition.

Based on recent research and scientific evidence, EPA would exacerbate the potential risks to the health and safety of local people if you were to permit the Class II Injection Well. Analyzing the records of nearly Class II injection wells permitted by EPA, ProPublica found that more than 1,000 times in the three-year period examined, operators pumped waste into Class 2 wells at pressure levels they knew could fracture rock and lead to leaks. They also found that companies injected illegal waste into the wells; failed to identify abandoned wells that allowed waste to flood back to surface; and cheated on tests intended to indicate leaks. Further, John Apps - a leading geoscientist and injection expert who works with US Department of Energy's Lawrence Berkeley National Laboratory has stated that he believes that injection wells pose a high risk to water resources.

It is no surprise, then, that studies by the U.S. Geological Survey have found evidence of that Class II injection well near Fayetteville, West Virginia leaked waste into nearby surface waters. Waters and sediments collected downstream of the well were contaminated with high levels of sodium, chloride, strontium, lithium and radium - many of which can have adverse impacts on human and environmental health.

In Pennsylvania, under Article I Section 27, our constitution guarantees that the Commonwealth serve as a trustee of natural resources for current and future generations. By permitting this injection well in our state, you may strip local people of their rights to a healthy environment *and* place the burden of our pollution today onto future generations. To do so is simply unconstitutional. As such, I request that you deny the permit for a Class II Injection Well in Plum Borough.

On Wed, Jul 26, 2017 at 12:18 PM, Scavello, Grant <Scavello.Grant@epa.gov> wrote:

Ms. Funk,

This email is to provide an update that we have received and logged your comment or comments on the proposed issuance of Penneco Environmental Solutions, LLC Draft Permit No. PAS2D701BALL. There is sufficient public interest to hold a hearing. The hearing will take place as originally scheduled on Wednesday, July 26th at 6:30PM at the Plum Community Center in Pittsburgh, PA.

The draft permit, statement of basis, and administrative record index for this permit can be found at:
<https://www.epa.gov/uic/draft-permit-penneco-llc-pas2d701ball>

Please feel free to contact me if you have any further questions prior to the hearing.

Grant

Grant Scavello

Physical Scientist

Ground Water & Enforcement Branch

US EPA, Region 3

1650 Arch Street

Philadelphia, PA 19103

[\(215\)-814-5498](tel:(215)814-5498)

From: Ashley Funk [mailto:ashley@mtwatershed.com]

Sent: Wednesday, July 12, 2017 2:09 PM

To: Scavello, Grant <Scavello.Grant@epa.gov>

Subject: Comment on plan to issue UIC Class II-D Permit to Penneco Environmental Solutions in Plum Borough

Mr. Scavello,

I was recently notified that EPA Region III plans to issue an UIC Class II-D permit to Penneco Environmental Solutions for disposal of fluids from commercial oil and gas operations in Plum Borough, Allegheny County, PA. My organization has worked with many residents in Plum Borough who are concerned about the risks of developing gas infrastructure in their community. If you were to permit the Class II Injection Well, your agency would only exacerbate the potential risks to the health and safety of local people. Analyzing the records of nearly Class II injection wells permitted by EPA, ProPublica found that: "More than 1,000 times in the three-year period examined, operators pumped waste into Class 2 wells at pressure levels they knew could fracture rock and lead to leaks. In at least 140 cases, companies injected waste illegally or without a permit. In several instances, records show, operators did not meet requirements to identify old or abandoned wells near injection sites until waste flooded back up to the surface, or found ways to cheat on tests meant to make sure wells aren't leaking." Further, John Apps - a leading geoscientist and injection expert who works

with US Department of Energy's Lawrence Berkeley National Laboratory has stated that he believes that injection wells pose a high risk to water resources.

Southwestern Pennsylvania has been haunted by an industrial history that has left local residents suffering. Communities are still fighting to clean up after the negligence from nuclear, gas, and coal companies. These industries have left us with polluted water, polluted air, radiation, and more. We simply do not know what the side-effects of injection wells will be 50 to 100 years from now. In Pennsylvania, our constitution guarantees that the Commonwealth serve as a trustee of natural resources for current and future generations. By permitting this injection well in our state, you could place the burden of our pollution today onto future generations, and that is simply unconstitutional. As such, I request that you deny the permit for a Class II Injection Well in Plum Borough.

Thank you,

Ashley Funk

Community Organizer

Mountain Watershed Association

[724.455.4200 ext 6](tel:724.455.4200)

ashley@mtwatershed.com

--

Ashley Funk

Community Organizer

Mountain Watershed Association

724.455.4200 ext 6

ashley@mtwatershed.com

Bennett, James

From: Satterthwaite, Beverly
Sent: Friday, July 28, 2017 10:36 AM
To: dianeinq05@hotmail.com
Subject: FW: Sign Sheet- from Plum Township Meeting
Attachments: Part1.pdf; Part2.pdf

From: Satterthwaite, Beverly **On Behalf Of** Bennett, James
Sent: Friday, July 28, 2017 10:18 AM
To: 'dianeinq05@hotmail.com' <dianeinq05@hotmail.com>
Subject: Sign Sheet- from Plum Township Meeting

Diane.

First let me say "Thank you" for" outstanding service'.

Attached are the sign sheets for the public heading dated 7/26/2017. (two Parts) . Sign in sheets from Plum Township meeting. Any questions, please free to call . I can reach @215-814-5458 or call Beverly Satterthwaite @215-814-5459.

Again Thank You
James Bennett

Bennett, James

From: Bennett, James
Sent: Tuesday, July 18, 2017 2:18 PM
To: Scavello, Grant
Subject: FW: Comment on plan to issue UIC Class II-D Permit to Penneco Environmental Solutions in Plum Borough

From: Ashley Funk [mailto:ashley@mtwatershed.com]
Sent: Wednesday, July 12, 2017 2:23 PM
To: Bennett, James <bennett.james@epa.gov>
Subject: Fwd: Comment on plan to issue UIC Class II-D Permit to Penneco Environmental Solutions in Plum Borough

Mr. Bennett,

I was recently notified that EPA Region III plans to issue an UIC Class II-D permit to Penneco Environmental Solutions for disposal of fluids from commercial oil and gas operations in Plum Borough, Allegheny County, PA. My organization has worked with many residents in Plum Borough who are concerned about the risks of developing gas infrastructure in their community. If you were to permit the Class II Injection Well, your agency would only exacerbate the potential risks to the health and safety of local people. Analyzing the records of nearly Class II injection wells permitted by EPA, ProPublica found that: "More than 1,000 times in the three-year period examined, operators pumped waste into Class 2 wells at pressure levels they knew could fracture rock and lead to leaks. In at least 140 cases, companies injected waste illegally or without a permit. In several instances, records show, operators did not meet requirements to identify old or abandoned wells near injection sites until waste flooded back up to the surface, or found ways to cheat on tests meant to make sure wells aren't leaking." Further, John Apps - a leading geoscientist and injection expert who works with US Department of Energy's Lawrence Berkeley National Laboratory has stated that he believes that injection wells pose a high risk to water resources.

Southwestern Pennsylvania has been haunted by an industrial history that has left local residents suffering. Communities are still fighting to clean up after the negligence from nuclear, gas, and coal companies. These industries have left us with polluted water, polluted air, radiation, and more. We simply do not know what the side-effects of injection wells will be 50 to 100 years from now. In Pennsylvania, our constitution guarantees that the Commonwealth serve as a trustee of natural resources for current and future generations. By permitting this injection well in our state, you could place the burden of our pollution today onto future generations, and that is simply unconstitutional. As such, I request that you deny the permit for a Class II Injection Well in Plum Borough.

Thank you,

Ashley Funk
Community Organizer
Mountain Watershed Association
[724.455.4200 ext 6](tel:724.455.4200)
ashley@mtwatershed.com

Bennett, James

From: Davis, Ginny
Sent: Monday, July 31, 2017 9:16 AM
To: Bennett, James
Cc: Ides, Nan
Subject: FW: Form submission from: About EPA Contact EPA's Region 3 Office form

Jim,

Please email that appears below Katherine's. A citizen emailed our office using the "form submission" feature and shared their comment about the injection well site that is proposed for Plum Township, PA.

Ginny

Ginny L. Davis, M.S.Ed.
SEE Program, Public Information Center (PIC) Specialist (IV) Office of Communications and Government Relations
(3CG00) U.S. EPA - Region III
1650 Arch Street
Philadelphia, PA 19103-2029
davis.ginny@epa.gov
Phone: 215-814-2149
Fax: 215-814-5104

-----Original Message-----

From: Wzorek, Katherine
Sent: Monday, July 31, 2017 7:46 AM
To: Davis, Ginny <Davis.Ginny@epa.gov>
Subject: FW: Form submission from: About EPA Contact EPA's Region 3 Office form

This came in too. No contact info!

-----Original Message-----

From: drupal_admin@epa.gov [mailto:drupal_admin@epa.gov]
Sent: Friday, July 28, 2017 5:50 AM
To: Wzorek, Katherine <wzorek.katherine@epa.gov>
Subject: Form submission from: About EPA Contact EPA's Region 3 Office form

Submitted on 07/28/2017 5:49AM
Submitted values are:

Name (Optional):
Organization (Optional):
E-Mail or Mailing Address (Optional):
Phone (Optional):

Comments: The Fracking wastewater disposal in Plum borrow is a bad idea - Nearly everyone who lives in the area are against it - if public opinion means anything - do not allow this to happen

Bennett, James

From: David Johnston <dwj1640@yahoo.com>
Sent: Tuesday, August 08, 2017 12:00 PM
To: Bennett, James
Subject: Fw: Fracking in Plum Boro

On Tuesday, August 8, 2017 11:58 AM, David Johnston <dwj1640@yahoo.com> wrote:

Dear Mr. Bennett,

I am a Plum Boro resident for the past 28 years.

I AM OPPOSED TO ANY FRACKING OR DRILLING IN OUR BORO.

The potential adverse environmental repercussions are monumental in my opinion as well as a detriment to our community. Please work to keep that out of Plum Boro.

Thank you.

David W. Johnston

Bennett, James

From: Joe Smierciak <jsmierciak@enercon.com>
Sent: Monday, August 07, 2017 10:17 AM
To: Bennett, James
Cc: Ed Zullo; hmccutcheon@kuresources.com; Charles Beatty
Subject: EPA taking public comments on a proposed local injection well (Old Leechburg Road)

Dear Mr. Bennett,

I am concerned about the possible use an old gas well located off Old Leechburg Road as an injection well by PENNECO Oil Company. I think it would be prudent for PENNECO Oil Company to develop a plan to treat the water and then discharge the treated water via a permit. I know there are significant costs associated with removing the salts from the drilling fluids but to me we are passing on today's environmental impacts to future generations by just injecting the drilling fluids into a well. The residents of Penn Hills area are not directly benefitting from any of the royalties that are paid to the owner of the mineral rights for extracting the oil and/or gas and are asked to bear potential future environmental impacts.

I appreciate your attention to this matter.

Thanks!
Joe Smierciak, P.E.

412-576-5709 (cell)

Bennett, James

From: rogerdesy@aol.com
Sent: Wednesday, August 02, 2017 2:58 PM
To: Bennett, James
Cc: RepDeLuca@pahouse.net
Subject: EPA taking public comments on a proposed local injection well

Environmental Protection Agency Region III

c/o James C. Bennett Jr., Branch Chief
Water Protection Division
1650 Arch Street (3WP22)
Philadelphia, PA 19103
Email: bennett.james@epa.gov

You can also comment to the state Department of Environmental Protection at:

Oil & Gas Program Manager
Department of Environmental Protection
400 Waterfront Drive
Pittsburgh, PA 15222

Dear Mr. Bennett and DEP O&G Program Mgr:

Regarding using Plum as a storage well for fracking effluents - this stuff can't be buried with predictability and safety at less than 2000 feet if at all.

The only folks who should contain it are the producers of it. Make it - unmake it = responsible ethics. So first ask them, but if they don't want it, there's a message in that.

Ten years is an unknown future of damage. Pennsylvania's deep-coal mines are still surfacing - still burning for that matter* - and will for who knows how long.

Coal - steel - oil - and now gas. Pennsylvania led the industries from the start when doing so was innocent and seemingly almost all good. Then a Win Win!

Now we know the price and cost to our health and safety are much higher and the margins of safety and risk much less. It's time we stopped giving our birthright away - time we stopped selling our souls and instead buy them back!

It's time we paid back the health of the air and water in our environment.

Thank you,

Roger Desy

510 Beverly Dr
Verona, PA 15147

*https://en.wikipedia.org/wiki/Centralia,_Pennsylvania

Bennett, James

From: Linda McNair <sevenofvelvet@gmail.com>
Sent: Wednesday, August 02, 2017 1:45 PM
To: Bennett, James
Subject: Frack Well in Plum, PA

Dear Mr. Bennett,

This proposed injection well is not just a Plum Boro issue. This well could effect all neighboring communities. If it leaks, as statistically speaking it most likely will, it will contaminate our drinking water and seep into the Allegheny River. It could potentially poison the drinking water of 80,000 people. It also has the possibility of causing seismic shifts in the earth especially considering that Plum Borough is built mostly over mines. This will cause earthquake effects that could be reached for miles from this area. There are many other reasons why this is just a terrible idea; traffic, noise, air pollution from the trucks, and the possibility of vehicular accidents caused by the trucks carrying chemical water. Wastewater should absolutely not be disposed of in any residential neighborhoods. Not only do these wells lower our home values, they can make us, our children and grandchildren, and our pets sick. We simply cannot allow this to happen. The damage would be irreversible.

Sincerely,

Linda M McNair, Proactive Pittsburgh Women

353 Morrow Drive

Pittsburgh, PA 15235

Bennett, James

From: Ides, Nan
Sent: Thursday, July 27, 2017 3:44 PM
To: Bennett, James; Scavello, Grant; damm, thomas
Subject: Fw: Request from Plum Township meeting court reporter

From: Davis, Ginny
Sent: Thursday, July 27, 2017 3:23 PM
To: Ides, Nan
Cc: D'Andrea, Michael; schaffer, joan; White, Terri-A
Subject: Request from Plum Township meeting court reporter

Nan,

The court reporter who attended the Plum Township meeting (injection wells) last night to record the minutes contacted me this afternoon. She needs a copy of Jim Bennett's speech, the names of the other EPA staff members who attended the meeting, plus a copy (please scan) of the "sign in sheet" for the meeting attendees.

Here is her contact info:

Diane Inquartano, court reporter, Sargent's court reporting service

Phone: 412-445-3913

Email: dianeingu05@hotmail.com

Ginny



Ginny L. Davis, M.S.Ed.
SEE Program, Public Information Center (PIC) Specialist (IV)
Office of Communications and Government Relations (3CG00)
U.S. EPA - Region III
1650 Arch Street
Philadelphia, PA 19103-2029
davis.ginny@epa.gov
Phone: 215-814-2149
Fax: 215-814-5104

Bennett, James

From: Ashley Funk <ashley@mtwatershed.com>
Sent: Wednesday, July 12, 2017 2:23 PM
To: Bennett, James
Subject: Fwd: Comment on plan to issue UIC Class II-D Permit to Penneco Environmental Solutions in Plum Borough

Mr. Bennett,

I was recently notified that EPA Region III plans to issue an UIC Class II-D permit to Penneco Environmental Solutions for disposal of fluids from commercial oil and gas operations in Plum Borough, Allegheny County, PA. My organization has worked with many residents in Plum Borough who are concerned about the risks of developing gas infrastructure in their community. If you were to permit the Class II Injection Well, your agency would only exacerbate the potential risks to the health and safety of local people. Analyzing the records of nearly Class II injection wells permitted by EPA, ProPublica found that: "More than 1,000 times in the three-year period examined, operators pumped waste into Class 2 wells at pressure levels they knew could fracture rock and lead to leaks. In at least 140 cases, companies injected waste illegally or without a permit. In several instances, records show, operators did not meet requirements to identify old or abandoned wells near injection sites until waste flooded back up to the surface, or found ways to cheat on tests meant to make sure wells aren't leaking." Further, John Apps - a leading geoscientist and injection expert who works with US Department of Energy's Lawrence Berkeley National Laboratory has stated that he believes that injection wells pose a high risk to water resources.

Southwestern Pennsylvania has been haunted by an industrial history that has left local residents suffering. Communities are still fighting to clean up after the negligence from nuclear, gas, and coal companies. These industries have left us with polluted water, polluted air, radiation, and more. We simply do not know what the side-effects of injection wells will be 50 to 100 years from now. In Pennsylvania, our constitution guarantees that the Commonwealth serve as a trustee of natural resources for current and future generations. By permitting this injection well in our state, you could place the burden of our pollution today onto future generations, and that is simply unconstitutional. As such, I request that you deny the permit for a Class II Injection Well in Plum Borough.

Thank you,

Ashley Funk
Community Organizer
Mountain Watershed Association
[724.455.4200 ext 6](tel:724.455.4200)
ashley@mtwatershed.com

Bennett, James

From: Kate Bowersox <katherinebowersox@gmail.com>
Sent: Wednesday, July 26, 2017 6:10 PM
To: Scavello, Grant
Subject: Fwd: Objection to Permit #: PAS2D701BALL

Categories: Penneco - Hearing

Me. Scavello,

I am writing to echo my husband's sentiments below. Please reject the Penneco permit!

Sincerely,
Kate Bowersox

----- Forwarded message -----

From: Michael Bowersox <mjbowersox@gmail.com>
Date: Mon, Jul 24, 2017 at 10:51 AM
Subject: Fwd: Objection to Permit #: PAS2D701BALL
To: Wifey <katherinebowersox@gmail.com>

----- Forwarded message -----

From: **Michael Bowersox** <mjbowersox@gmail.com>
Date: Mon, Jul 24, 2017 at 10:50 AM
Subject: Objection to Permit #: PAS2D701BALL
To: scavello.grant@epa.gov

Dear Mr. Scavello,

Thank you for taking the time to acknowledge this letter as an objection to the UIC Class II-D draft permit for which Penneco Environmental Solutions, LLC has applied.

As a resident of Plum Borough, living within 0.75 miles from the proposed wastewater injection site, I and my family have a number of concerns related to such a project operating where we live and raise children:

- **The impact on underground sources of water.** In the EPA's own [Retrospective Case Study - Southwestern Pennsylvania](#), key findings had shown chloride contamination attributable to impoundment sites. Additionally, there is no mention of the potential for or mitigation of benzene and/or toluene contamination, which has been shown to both be part of waterwater and known as a cancer causing carcinogen:
 - [Disclosure of hydraulic fracturing fluid chemical additives: Analysis of regulations](#)
 - [The implications of unconventional drilling for natural gas: a global public health concern](#)
- **The proposed use of this as a commercial disposal well.** This brings with it increased truck traffic, not only to upgrade roads and facilities to house the site, but also daily trips by multiple trucks during the 10 years the permit is active: 54,000 barrels of oil and gas brine/month = 2.1 millions gallons/month, or 45 tanker trucks every week.

- **The risk, while deemed low, of seismic activity and/or injection site blowout.** While the porosity of the the injection zone has been determined adequate, being that it is located between two confining zones of low permeability (upper confining zone of Riddlesburg Shale, and a lower confining zone of Riceville-Oswayo Shale), more information is needed related to seismic risk because of the inconclusive demonstration of the absence of any faults in the area of the well ([Statement of Basis, pg. 4, para. 2](#)). Also, does sandwiching the injection zone between low permeability confining zones increase the likelihood for a blowout or gas migration?

Please consider this appeal to reject the Penneco permit. Or at minimum, extend the application review and public comment period so more questions can be asked and answered sufficiently as to how a wastewater injection well will impact the health and well-being of the families that live in this area.

Gratefully,
Mike Bowersox

1671 Old Leechburg Rd
New Kensington, PA 15068
[\(412\) 918-6873](tel:(412)918-6873)

Bennett, James

From: J. Eric Jones <ejones565@icloud.com>
Sent: Saturday, July 29, 2017 1:56 PM
To: Bennett, James
Subject: Fwd: Returned mail: see transcript for details

Hello Mr. Bennet,

I am a home owner in Plum Borough, PA and am asking for your support to prohibit the disposal of fracking wastewater in our community. I am seriously opposed to having a company dispose their fracking wastewater in our community.

I recognize that there are economic benefits to fracking, but there are also serious environmental and health costs associated with that process. We're just now learning about some of these.

For example:

Disposal of Fracking Water Leads to Earthquakes

The state of Texas explains how oil and gas disposal wells can cause earthquakes. <https://stateimpact.npr.org/texas/tag/earthquake/>

NBC news reported on studies that have connected earthquakes to fracking and underground injection wells in Ohio and Oklahoma. <http://www.nbcnews.com/science/fracking-energy-exploration-connected-earthquakes-say-studies-6C10604071>

Increased Risks of Environmental Pollution

The Pittsburgh Post Gazette reported The Pennsylvania Medical Society has called for a moratorium on new shale gas drilling and hydraulic fracturing and is urging the state to establish an independent health registry and start studying fracking's public health impacts. The report also states "Pennsylvania has invested heavily into shale gas drilling, but in-state health studies have demonstrated worsening asthma, premature births, neurological and mental symptoms, and other adverse effects,". My 11 year old daughter and myself have personally experienced an increase in asthmatic episodes. <http://www.post-gazette.com/local/region/2016/10/27/Doctors-group-calls-for-moratorium-on-fracking-in-Pennsylvania/stories/201610270226>

According to Protect Pennsylvania, many communities that benefited economically from the initial shale gas boom are now experiencing environmental and human health consequences. Wastewater disposal often results in environmental pollution and, consequently, harm to human health.

Lowens Property Value - The mere mentioning of fracking and fracking wastewater disposal in the proximity of a home reduces the value of the home by 15% or \$30,000. <http://www.dukechronicle.com/article/2016/01/study-shows-fracking-leads-to-falling-property-value>, <http://www.aresjournals.org/doi/abs/10.5555/reli.21.2.k3t42212626j4783?code=ares-site>

Last, but certainly not least - how can Penneco be so bold as to request to dump their waste in their neighbors yard? If they want to gain the financial benefits of fracking, let them deal with the costs, health concerns, lower property values, and increased risk of earthquakes in THEIR community.

I ask you to prohibit this action. Don't let them "dump and run". If they want to drill and reap the benefits, they also need to be accountable for the costs. You and I both know that if that permit is granted, it will be significantly harder to hold them accountable for the issues that happen in Plum - while the money flows into Delmont.

Sincerely,

Eric Jones

25 Kellywood Court
New Kensington, PA 15068
412.760.4493
ejones565@icloud.com

Bennett, James

From: Ides, Nan
Sent: Wednesday, July 26, 2017 8:28 AM
To: Scavello, Grant
Subject: FYI only - about a query EPA hearing on injection well in Plum Township, PA

Categories: High Importance, Penneco - Hearing

Just an FYI – sent this to Ginny yesterday, so hopefully she can screen any calls hat come thru her, and not directly to you.

Nan

From: Ides, Nan
Sent: Tuesday, July 25, 2017 2:53 PM
To: Davis, Ginny <Davis.Ginny@epa.gov>
Subject: query re EPA hearing on injection well in Plum Township, PA

Ginny:

If anyone else calls about this specific meeting, please get their specific questions. Grant is overwhelmed with calls since his name is on the notice. Almost all of the questions can be answered per [this notice](#) and the info below in italics; most likely they just want to rant and rage about the issue. The meeting is tomorrow night, so calls should end then.

Penneco submitted an application for one new UIC Class II commercial disposal injection well permit, to be used for the injection of fluids produced in association with oil and gas operations. The injection well is located in Plum Borough, Allegheny County, Pennsylvania. A public hearing has been tentatively scheduled for July 26, 2017 at 6:30PM at the Plum Community Center located at 499 Center New Texas Road, Pittsburgh, PA 15239. Requests to hold a public hearing must be received in writing to EPA no later than July 20, 2017.

Grant will call Joanne Graber back.

Thanks,
Nan

From: Scavello, Grant
Sent: Tuesday, July 25, 2017 2:11 PM
To: Davis, Ginny <Davis.Ginny@epa.gov>; Ides, Nan <Ides.Nan@epa.gov>; Reinhart, Roger <Reinhart.Roger@epa.gov>
Cc: Bennett, James <bennett.james@epa.gov>
Subject: RE: query re EPA hearing on injection well in Plum Township, PA

Ms. Davis,

All documentation including the public notice and meeting information can be found here:

<https://www.epa.gov/uic/draft-permit-penneco-llc-pas2d701ball>

Grant

Grant Scavello

Physical Scientist
Ground Water & Enforcement Branch
US EPA, Region 3
1650 Arch Street
Philadelphia, PA 19103
(215)-814-5498

From: Ides, Nan
Sent: Tuesday, July 25, 2017 12:48 PM
To: Scavello, Grant <Scavello.Grant@epa.gov>; Reinhart, Roger <Reinhart.Roger@epa.gov>
Cc: Bennett, James <bennett.james@epa.gov>
Subject: FW: query re EPA hearing on injection well in Plum Township, PA

Can one of you help out this resident
Is there an information sheet we can send to the woman.

Thanks
Nan

From: Davis, Ginny
Sent: Tuesday, July 25, 2017 11:50 AM
To: Ides, Nan <Ides.Nan@epa.gov>
Cc: schafer, joan <schafer.joan@epa.gov>
Subject: query re EPA hearing on injection well in Plum Township, PA

Hi,

Joanne Graber called this morning and left a message. She seeks information about the EPA hearing on injection wells that will be held tomorrow in Plum Township, PA (Allegheny County). Her phone number is 412-215-2967.

Ginny



Ginny L. Davis, M.S.Ed.

SEE Program, Public Information Center (PIC) Specialist (IV)
Office of Communications and Government Relations (3CG00)
U.S. EPA - Region III
1650 Arch Street
Philadelphia, PA 19103-2029
davis.ginny@epa.gov
Phone: 215-814-2149
Fax: 215-814-5104

Bennett, James

From: Helen Hanna <helenhanna@sbcglobal.net>
Sent: Wednesday, August 09, 2017 4:28 PM
To: Bennett, James
Subject: Comment to Produced Fluid Disposal Well, Plum, PA PERMIT NUMBER PAS2D701BALL

Dear Mr. Bennett,

I am writing to comment on the wastewater injection well proposed for Plum, PA PERMIT NUMBER PAS2D701BALL. This proposed Produced Fluid Disposal injection well threatens the safety of drinking water from private water wells nearby, as well as water from the Beaver Run Reservoir and Pucketa Creek where residents from Allegheny and Westmoreland counties get their water. The EPA must certainly reject the current application and require a broader Area of Review, taking into account unique conduits for contamination, both man-made (unplugged wells, high pressure injection, and mine subsidence issues) and natural (faults).

To properly fulfill its mission, the EPA should increase the Area of Review (AOR) from .25 mile to .5 miles, in which Penneco is responsible for assuring the integrity of other wells. The current AOR disregards the proximity of at least 2 other wells--one immediately (.26 mile) outside of the AOR, and 10 additional wells that would be included in the .5 mile radius.

The location of the proposed well is classified by the Pennsylvania Department of Environmental Protection (DEP) as a mine subsidence risk area, where insurance is recommended for homeowners. Mine subsidence threatens to cause cement casing failure which, in turn, creates pathways for disposed fluids to enter drinking water supplies. Although the EPA has not yet evaluated cementing for any of the wells in Area of Review of .25 miles, we know that cement casings are outdated and that the integrity of these casings is uncertain, which makes it impossible to say with certainty that the increased pressure from the planned injection of produced fluids will not harm the drinking water.

Sincerely,

Helen N. Hanna

Bennett, James

From: Sarah Caspar <scaspar@comcast.net>
Sent: Friday, July 21, 2017 12:58 PM
To: Scavello, Grant
Subject: Hearing for Plum Borough Injection well

Categories: Penneco - Hearing

mrscavello.docx

Bennett, James

From: Peterson MD, Alan S <ASPeters@lghealth.org>
Sent: Wednesday, July 19, 2017 9:24 PM
To: Scavello, Grant
Subject: Hearing on Injection Well in Plum Borough, PA

Mr. Scavello,

I'm in favor of the hearing.

Everyone is aware of increased earthquake evidence of injection wells.

In addition, the increased diesel traffic causes noise issues and more air pollution, especially of small PM types increasing lung and cardiovascular risks.

The increased noise can cause increased sleep and psychological issues.

How close would it be to how many homes, schools, etc?

What is the water aquifer situation and amount in relation to the proposed well?

Thanks.

Alan Peterson, MD

Emeritus Director of Environmental and Community Medicine Lancaster General Health Lancaster, Pa.

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Bennett, James

From: Helen M. Hazi <hmhazi@verizon.net>
Sent: Friday, July 21, 2017 1:04 PM
To: Scavello, Grant
Subject: Injection well permit

Categories: Penneco - Hearing

Dear Mr. Scavello

Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

I request a DEP hearing and oppose permitting an injection well for Penneco Environmental Solutions, LLC in Plum Borough, PA. Injection wells increases seismic activity, contaminates nearby aquifers, and can irreversible affect the health of nearby residents over time.

Helen M. Hazi, Ph.D.

a professor, fractivist, poet and avid learner curious about most things in the universe

On the 2016 Election: The U.S citizens whose vote resulted in electing Trump, deserve a Trump presidency. I remain vigilant and an activist against racism, sexism, anti-intellectualism, and discrimination--violence against Muslims, Latinos/Hispanics, LGBT, those with disabilities, women and children, the environment, and those who are just different.

"The mind is not a vessel to be filled, but a fire to be kindled."

--Plutarch, Greek historian and biographer

Bennett, James

From: Lois Gmail <loisbjornson@gmail.com>
Sent: Wednesday, July 19, 2017 9:03 PM
To: Scavello, Grant
Subject: Injection Hearing

Categories: Penneco - Hearing

Dear Mr. Scavello

Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

I write to you in support of the EPA convening a hearing on the draft permit for an injection well for Penneco Environmental Solutions, LLC in Plum Borough, PA.

Among the issues I wish to raise at the hearing include the risk of seismic (earthquake) activity. According to USGS scientists, increased seismic activity is associated with wastewater disposal wells in states such as Oklahoma, Colorado, Arkansas, Ohio, and Texas.

During the first half of 2016, in N. Lima, Mahoning County, OH, a single injection well took in 248,384 barrels (**10,432,128** gallons) of liquid waste. Transporting this waste means dangerous truck traffic, and injecting it into the ground means increased seismic activity.

Please Hold a public hearing on this injection well.

Lois Bower-Bjornson
412-979-5509
loisbjornson@gmail.com

Bennett, James

From: Joann Chirico <jxc64@psu.edu>
Sent: Thursday, July 20, 2017 3:57 AM
To: Scavello, Grant
Subject: injection reservoir

Categories: Penneco - Hearing

Dear Mr. Scavello,

I am deeply troubled by the prospect of an injection well in my area of Pennsylvania (or any for that matter). I live in Oakmont, PA.

As I am sure you know the record of safety for such wells is much debated. I do not think that we know enough about the potential or likely harm to be moving ahead on these projects.

Like the burning of fossil fuels we did not know enough until considerable damage was done and lives lost to pollution. The new extraction and waste disposal methods are too risky at this point to move ahead.

Best regards,
JOAnn Chirico

I will be out of the country and cannot attend the meeting but I hope the decision to place the well is rescinded.

Bennett, James

From: Tom Whalen <tjwbear@gmail.com>
Sent: Wednesday, July 19, 2017 2:17 PM
To: Scavello, Grant
Subject: FW: REQUEST FOR HEARING: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

Categories: Penneco - Hearing

Dear Mr. Scavello

Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

I am a resident of Oakmont, PA and an elected member of Oakmont Borough Council.

I request that EPA convene a hearing on the draft permit for an injection well for Penneco Environmental Solutions, LLC in Plum Borough, PA.

I am concerned about the risk of seismic (earthquake) activity. According to USGS scientists, increased seismic activity is associated with wastewater disposal wells in states such as Oklahoma, Colorado, Arkansas, Ohio, and Texas.

During the first half of 2016, in N. Lima, Mahoning County, OH, a single injection well took in 248,384 barrels (10,432,128 gallons) of liquid waste. Transporting this waste means dangerous truck traffic through Oakmont into Plum, and injecting it into the ground means increased seismic activity.

Moreover we in Oakmont are participants in a multi-municipal group addressing flooding and water quality in the Plum Creek watershed in which the proposed injection well will be located. My review of the science indicates that there is no way to guarantee that fracking waste will not eventually make it into the waterway.

Please hold a public hearing on this issue.

Tom Whalen

Thomas J. Whalen
501 Maryland Ave.
Oakmont , PA 15139
Email: tjwbear@gmail.com
Home: 412.828.3378
Cell: 412.780.7592

"Someday, after mastering winds, waves, tides and gravity,
we shall harness the energy of love;
and for the second time in the history of the world,
man will have discovered fire."
-Pierre Teilhard de Chardin

Bennett, James

From: Brett Nicotera <bnicotera@ivfpittsburgh.com>
Sent: Wednesday, August 09, 2017 3:15 PM
To: Bennett, James
Cc: BRETTNICOTERA@GMAIL.COM
Subject: FW: Wastewater injection site in Plum,PA

<http://www.msn.com/en-us/weather/topstories/oklahoma-city-area-earthquakes-prompt-new-investigation/ar-AAplwmK?li=BBnb7Kz>

Mr. Bennett,

I am STRONGLY opposed to the wastewater injection site proposed for Plum, PA.
The following are only a few reasons why this is not a good idea.....

- 1) Plum Boro already has mine subsidence issues and this would add to those issues.
- 2) The possibility of earthquakes. And after everything I have read about the numerous quakes in Oklahoma & Ohio , this is more than a possibility. Please see the above attachment just from this week.
- 3) Effects from chemicals used.
- 4) Water pollution

Please consider these along with all of the points brought up at the public meeting.

In addition, I along with other residents of Plum cannot afford to purchase mine subsidence insurance along with earthquake insurance.

Would you like to have this in the community where you live??

Thanks in advance for your consideration.

Brett Nicotera
251 Fiesta Drive
Pittsburgh, PA 15239

Bennett, James

From: Rhonda Morelli <rhonda_and_jason@hotmail.com>
Sent: Thursday, July 20, 2017 2:50 PM
To: Scavello, Grant
Subject: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

Categories: Penneco - Hearing

Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

Dear Mr. Scavello,

I am in support of the EPA having a hearing on the draft permit for an injection well for Penneco Environmental Solutions, LLC in Plum Borough, PA.

The Beaver Run Reservoir supplies water to 150, 000 and is located in Plum. Do we want to risk the potable water supply by allowing an underground injection well. Truck traffic and increased potential for earthquake activity should also be considered.

Please hold a public hearing on this issue.

Thank you,

Rhonda Morelli

222 Chris Drive

Irwin, PA 15642

Bennett, James

From: Penny Morse <pennysmorse@yahoo.com>
Sent: Wednesday, August 09, 2017 3:52 PM
To: Bennett, James
Subject: Comment to Produced Fluid Disposal Well, Plum, PA PERMIT NUMBER PAS2D701BALL

Dear Mr. Bennett, Please accept this email as my comment on the wastewater injection well proposed for Plum, PA PERMIT NUMBER PAS2D701BALL. This proposed Produced Fluid Disposal injection well threatens the safety of drinking water due to it's proximity to private water wells, the Beaver Run Reservoir and Pucketa Creek where residents from Allegheny and Westmoreland counties acquire their water. The EPA should reject the current application and require a broader Area of Review due to unique conduits for contamination, both man-made (unplugged wells, high pressure injection, and mine subsidence issues) and natural (faults). EPA should increase the Area of Review (AOR) from .25 mile to .5 miles, in which Penneco is responsible for assuring the integrity of other wells. The current AOR disregards the proximity of at least 2 other wells--one immediately (.26 mile) outside of the AOR, and 10 additional wells that would be included in the .5 mile radius. The location of the proposed well is classified by the Pennsylvania Department of Environmental Protection (DEP) as a mine subsidence risk area, where insurance is recommended for homeowners. Mine subsidence threatens to cause cement casing failure and in turn, creates pathways for disposed fluids to enter drinking water supplies. EPA has not evaluated cementing for any of the wells in Area of Review (AOR), of .25 miles. Cement casings are outdated and the integrity of these casings are uncertain making it impossible to say with certainty that the increased pressure from the planned injection of produced fluids will not harm our drinking water. Sincerely,

Penny Morse

Bennett, James

From: Penny Morse <pennysmorse@yahoo.com>
Sent: Thursday, July 20, 2017 4:34 PM
To: Scavello, Grant
Subject: Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

Categories: Penneco - Hearing

I tried to write something yesterday concerning my opposition for this injection well, but I don't know whether you received it or not. So please know that I totally agree with the statement below. Dear Mr. Scavello, I write to you in support of the EPA convening a hearing on the draft permit for an injection well for Penneco Environmental Solutions, LLC in Plum Borough, PA. Among the issues I wish to raise at the hearing include the risk of seismic (earthquake) activity. According to USGS scientists, increased seismic activity is associated with wastewater disposal wells in states such as Oklahoma, Colorado, Arkansas, Ohio, and Texas. During the first half of 2016, in N. Lima, Mahoning County, OH, a single injection well took in 248,384 barrels (10,432,128 gallons) of liquid waste. Transporting this waste means dangerous truck traffic, and injecting it into the ground means increased seismic activity. Please hold a public hearing on this issue.

Penny Morse

Bennett, James

From: Tammy Murphy <tammy@psrphila.org>
Sent: Wednesday, August 09, 2017 9:54 PM
To: Bennett, James
Subject: Comment to Produced Fluid Disposal Well, Plum, PA PERMIT NUMBER PAS2D701BALL

Dear Mr. Bennett,

In 2016, researchers documented endocrine-disrupting chemicals in surface waters near fracking wastewater disposal sites in West Virginia. Such chemicals can have potent effects on human development at exceedingly low concentrations during critical developmental windows.[8] As part of their ongoing work, researchers now also have documented adverse effects on development and reproductive capacities of both male and female mice at concentrations that are relevant to real-life human environmental exposures.[9],[10] (In 2016, researchers documented endocrine-disrupting chemicals in surface waters near fracking wastewater disposal sites in West Virginia. Such chemicals can have potent effects on human development at exceedingly low concentrations during critical developmental windows.[8] As part of their ongoing work, researchers now also have documented adverse effects on development and reproductive capacities of both male and female mice at concentrations that are relevant to real-life human environmental exposures.[1],[2]

(1. Kassotis, et. al. Endocrine-disrupting Activity of Hydraulic Fracturing Chemicals and Adverse Health Outcomes After Prenatal Exposure in Male Mice Endocrinology, 2015.

2. Kassotis, [et.al.](#) Adverse Reproductive and Developmental Health Outcomes Following Prenatal Exposure to a Hydraulic Fracturing Chemical Mixture in Female C57Bl/6 Mice. Endocrinology, 2016.)

Please accept this email as my comment on the wastewater injection well proposed for Plum, PA PERMIT NUMBER PAS2D701BALL. This proposed Produced Fluid Disposal injection well threatens the safety of drinking water due to it's proximity to private water wells, the Beaver Run Reservoir and Pucketa Creek where residents from Allegheny and Westmoreland counties acquire their water. The EPA should reject the current application and require a broader Area of Review due to unique conduits for contamination, both man-made (unplugged wells, high pressure injection, and mine subsidence issues) and natural (faults). EPA should increase the Area of Review (AOR) from .25 mile to .5 miles, in which Penneco is responsible for assuring the integrity of other wells. The current AOR disregards the proximity of at least 2 other wells--one immediately (.26 mile) outside of the AOR, and 10 additional wells that would be included in the .5 mile radius.

The location of the proposed well is classified by the Pennsylvania Department of Environmental Protection (DEP) as a mine subsidence risk area, where insurance is recommended for homeowners. Mine subsidence threatens to cause cement casing failure and in turn, creates pathways for disposed fluids to enter drinking water supplies. EPA has not evaluated cementing for any of the wells in Area of Review (AOR), of .25 miles. Cement casings are outdated and the integrity of these casings are uncertain making it impossible to say with certainty that the increased pressure from the planned injection of produced fluids will not harm our drinking water.

Sincerely,

Bennett, James

From: Connor Mitsch <connormitsch@gmail.com>
Sent: Thursday, August 03, 2017 9:32 PM
To: Bennett, James
Subject: My Opinion on Proposed Injection Well

Mr. James C. Bennett Jr.,

I do not support the establishment of an injection well off Old Leechburgh Road. The toxic waste that these wells inject can easily contaminate aquifers and put both people and ecosystems at the risk of exposure to these contaminants. Putting waste like this underground is not safe, regardless of distance or rock layers, because the Earth is constantly active. Pressure and time eventually moves the reserves of containments. Sending the toxic fluids into aquifers and yes even back up to the surface. In addition to this, studies also suggest that injection wells have the ability to cause fault lines to slip and cause earthquakes. Injection well are an unsafe and irresponsible way to dispose of toxic waste and we do not need any more to worry about.

Thank you for you attention,

Connor T. Mitsch

Bennett, James

From: Beth Newman <egajnewman@gmail.com>
Sent: Wednesday, July 19, 2017 4:38 PM
To: Scavello, Grant
Subject: Injection well, Plum Boro

Categories: Penneco - Hearing

Dear EPA,

I strongly object to the placement of an injection well in Plum Borough. I live right next to Plum in the the Municipality of Murrysville.

It has been well proven that injection wells are likely to cause earthquakes. I have no desire to be put at risk for a man-made disaster.

I understand the industry needs somewhere to dispose of their waste water, but perhaps finding a safe way to do so before producing it would have made more sense. Injecting it in a heavily populated place is not a reasonable solution.

Beth Newman
5121 Cole Road
Murrysville, PA 15668

--

Beth Newman
egajnewman@gmail.com

Bennett, James

From: Ron <rslabe6041@msn.com>
Sent: Wednesday, July 19, 2017 5:43 PM
To: Scavello, Grant
Subject: Injection Well Permit, Plum Borough

Categories: Penneco - Hearing

Dear Mr. Scavello,

I am writing you concerning the EPA plan to issue an Underground Injection Control (UIC) Class II-D permit to Penneco Environmental Solutions, LLC in Plum Borough, PA, Draft Permit # PAS2D701BALL.

I am very concerned about the risks to our underground aquifers this well will pose as well as the risks of earthquakes from such a well. The dangers of such a well polluting our water, air, and soil are great and very real. Scientific reports bear out the dangers associated with such wastewater disposal wells in many of our states in regards to pollution and seismic activity. Although this well is proposed for Plum Borough, it will have a direct or indirect negative effect on surrounding communities such as New Kensington, Upper Burrell, Murrys ville, Oakmont, Arnold, and Monroeville.

These dangers and risks demand a full hearing by the EPA on the draft permit which ultimately should lead to an outright rejection of this Injection Well, and I ask you to hold such a public hearing.

Very sincerely yours,

Ron Slabe
516 Angelcrest Drive
New Kensington, PA 15068
724-337-7470

Bennett, James

From: Amy Wetmore <wetmoreal@gmail.com>
Sent: Thursday, July 20, 2017 11:19 AM
To: Scavello, Grant
Subject: Injection Well in Plum Borough

Categories: Penneco - Hearing

I am writing in regards to the proposed injection well in Plum Borough.

As a 20 year resident of Plum, I am admantly opposed to the proposal and would like to request a public hearing be held in regards to this well.

Do to the questionable impact on the environment, it is important that the citizens of Plum Borough have the opportunity for their voices to be heard on this topic.

I thank you for your consideration and look forward to the Public Hearing.

Sincerely,

--

Amy L. Wetmore

834 Unity Center Road, Pgh, PA 15239

wetmoreal@gmail.com

412-600-1703 (cell)

412-798-0968 (home)

Bennett, James

From: Allen Uhler <uhlerca@comcast.net>
Sent: Friday, July 21, 2017 6:09 PM
To: Scavello, Grant
Subject: Injection well permit, Plum Borough

Categories: Penneco - Hearing

Dear Mr. Scavello,
underground with injection control (UIC)
Borough, PA,
Draft Permit # PAS2D701BALL

I am writing to you of my concerns to the EPA plan to issue and
Class II -D permit to Penneco Environmental Solutions, LLC in Plum

I am local elected official of Upper Burrell Township with great concerns about the risk to our underground aquifers being contaminated along with potential earthquakes possibly in the future from a injection well. Upper Burrell Township has many conventional wells and not known as to how many abandon wells that there are, this should bring great concerns to also other municipalities. Scientific reports show factual findings of all the dangers caused from these injection wells. Rather than just issuing the permit we need to have the EPA have a public hearing and along with public input.

Very sincerely yours,

Allen Uhler
2213 Turkey Ridge Road New Kensington, PA 15068

Bennett, James

From: Beverly Brizzi <brizzi.beverly@gmail.com>
Sent: Wednesday, July 19, 2017 9:25 AM
To: Scavello, Grant
Subject: Injection Well

We need a public hearing on the proposed injection well. Thank you, Bev Brizzi

Bennett, James

From: RENEE ILLES <reneeilles@comcast.net>
Sent: Thursday, August 03, 2017 10:25 PM
To: Bennett, James
Subject: Injection Well

Dear Mr. Bennett,

This proposed injection well is not just a Plum Boro issue. This well could effect all neighboring communities. If it leaks, as statistically speaking it most likely will, it will contaminate our drinking water and seep into the Allegheny River. It could potentially poison the drinking water of 80,000 people. It also has the possibility of causing seismic shifts in the earth especially considering that Plum Borough is built mostly over mines. This will cause earthquake effects that could be reached for miles from this area. There are many other reasons why this is just a terrible idea; traffic, noise, air pollution from the trucks, and the possibility of vehicular accidents caused by the trucks carrying chemical water. Wastewater should absolutely not be disposed of in any residential neighborhoods. Not only do these wells lower our home values, they can make our children and grandchildren sick. We simply cannot allow this to happen. The damage would be irreversible.

Sincerely,

Renee Illes

PROACTIVE Pittsburgh Women

Bennett, James

From: Dan Laird <laird66@icloud.com>
Sent: Wednesday, August 09, 2017 8:58 PM
To: Bennett, James
Subject: Comment to Produced Fluid Disposal Well, Plum, PA PERMIT NUMBER PAS2D701BALL

Dear Mr. Bennett,

Please accept this email as my comment on the wastewater injection well proposed for Plum, PA PERMIT NUMBER PAS2D701BALL. This proposed Produced Fluid Disposal injection well threatens the safety of drinking water due to it's proximity to private water wells, the Beaver Run Reservoir and Pucketa Creek where residents from Allegheny and Westmoreland counties acquire their water. The EPA should reject the current application and require a broader Area of Review due to unique conduits for contamination, both man-made (unplugged wells, high pressure injection, and mine subsidence issues) and natural (faults). EPA should increase the Area of Review (AOR) from .25 mile to .5 miles, in which Penneco is responsible for assuring the integrity of other wells. The current AOR disregards the proximity of at least 2 other wells--one immediately (.26 mile) outside of the AOR, and 10 additional wells that would be included in the .5 mile radius.

The location of the proposed well is classified by the Pennsylvania Department of Environmental Protection (DEP) as a mine subsidence risk area, where insurance is recommended for homeowners. Mine subsidence threatens to cause cement casing failure and in turn, creates pathways for disposed fluids to enter drinking water supplies. EPA has not evaluated cementing for any of the wells in Area of Review (AOR), of .25 miles. Cement casings are outdated and the integrity of these casings are uncertain making it impossible to say with certainty that the increased pressure from the planned injection of produced fluids will not harm our drinking water.

The residents of this and surrounding areas will be forming a watch dog group. Since the EPA is now a money making industry for fossil fuels, and no longer protects the environment or human health. We feel the need to do your jobs for you. And we are prepared to do so.

Sincerely,
Dan Laird

Daniel Laird
Project Engineer, Mid-Atlantic Management Services
503 Martindale Street, Suite 610, Pittsburgh, PA 15212
O: 412-235-9466 / **C:** 412-526-3168

cdrmaguire.com

Daniel.Laird@cdrmaguire.com

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Bennett, James

From: Rick Mauck <rickmauck@gmail.com>
Sent: Wednesday, August 02, 2017 12:45 PM
To: Scavello, Grant
Subject: Do not approve permit #PAS2D701BALL to dispose oil and gas wastewater in Plum

I am writing as a Pennsylvania resident to urge you not to approve the proposed permit for Penneco Environmental Solutions to dispose oil and gas wastewater in Plum Borough, PA.

I do not want to see our water supplies threatened by the many toxic chemicals found in drilling waste, and the site is too close to the 40 oil and gas wells already existing in Plum. Additionally, the transport and storage of millions of gallons of hazardous wastewater is a risk to nearby residents from spills and accidents which EPA does not have the resources to monitor.

Further, EPA should not be granting a permit to Penneco which has a long history of violations of oil and gas rules in Pennsylvania. Penneco has a record of environmental management including spills and water contamination, some of which have previously happened in Plum.

Thank you.

Mr. Rick Mauck
192 47th St
Pittsburgh, PA 15201
4129998341

Bennett, James

From: Jared DeLoof <jareddeloof@gmail.com>
Sent: Wednesday, July 19, 2017 10:35 AM
To: Scavello, Grant
Subject: NO to Murrayville injection site

Categories: Penneco - Hearing

Hello,

I am writing as a concerned Pennsylvania citizen about the proposed injection well just outside of Murrayville. I opposed the pumping of chemical frack waste fluid into the ground near the town. We do not know what the industry is using its water and to subject the people of Pennsylvania to the potential long term health effects of this is irresponsible and wrong.

I hope that you will turn down Penneco's permit for this injection site.

Sincerely,
Jared DeLoof
Centre CO.

Bennett, James

From: Alexandra Mabel <ali.l.mabel@gmail.com>
Sent: Wednesday, July 26, 2017 6:56 AM
To: Scavello, Grant
Subject: No UIC permit to Penneco Environmental Solutions in Plum Borough

Categories: Penneco - Hearing

Dear Mr. Scavello,

I am writing as a Pennsylvania resident to urge you not to approve the proposed permit for Penneco Environmental Solutions to dispose oil and gas wastewater in Plum Borough, PA. I do not want to see our water supplies threatened by the many toxic chemicals found in drilling waste, and the site is too close to the 40 oil and gas wells already existing in Plum. Further, the transport and storage of millions of gallons of hazardous wastewater is a risk to nearby residents from spills and accidents which EPA does not have the resources to monitor.

Sincerely,
Alexandra Mabel
Pittsburgh, PA 15237

Bennett, James

From: Jacki Keyes <jacquelynkeyes@gmail.com>
Sent: Wednesday, July 19, 2017 3:45 PM
To: Scavello, Grant
Subject: NO PERMIT - Permit No. PAS2D701BALL PLEASE!!!

Categories: Penneco - Hearing

My name is Jacquelyn Keyes and I live in New Kensington, PA with my husband and 9 year old daughter.

I am writing to comment on the EPA plan to issues an Underground Injection Control permit to Penneco Environmental solutions for the disposal of fracking fluids, Permit No. PAS2D701BALL, in Plum Borough, PA. I am highly concerned about the potential aquifer water pollution due to leaks and the history of earthquakes from such wells

Please ,reject this permit for the safety of our water, community and our families!

Thank you,

Jacki

,

Bennett, James

From: 111941322016072009comcast.usr0jr <plumpurple3@comcast.net>
Sent: Thursday, July 27, 2017 4:48 PM
To: Scavello, Grant
Subject: Objection to Permit#:PAS2D701BALL

Categories: Penneco - Hearing

Dear Mr. Scavello,

Thank you for acknowledging this letter as an objection to the UIC Class||-D draft permit for which Penneco Environmental Solutions, LLC has applied.

As a resident of Plum Borough, living within 0.75 miles from the proposed wastewater injection site, I and my family have concerns to such a project operating where we live.

Please consider this appeal to reject the Penneco permit.

Gratefully,

John and Lynn Herbert

1674 Old Leechburg Rd.

Plum, Pa. 15068
412 337-0392

Bennett, James

From: Michael Bowersox <mjbowersox@gmail.com>
Sent: Monday, July 24, 2017 10:50 AM
To: Scavello, Grant
Subject: Objection to Permit #: PAS2D701BALL

Dear Mr. Scavello,

Thank you for taking the time to acknowledge this letter as an objection to the UIC Class II-D draft permit for which Penneco Environmental Solutions, LLC has applied.

As a resident of Plum Borough, living within 0.75 miles from the proposed wastewater injection site, I and my family have a number of concerns related to such a project operating where we live and raise children:

- **The impact on underground sources of water.** In the EPA's own [Retrospective Case Study - Southwestern Pennsylvania](#), key findings had shown chloride contamination attributable to impoundment sites. Additionally, there is no mention of the potential for or mitigation of benzene and/or toluene contamination, which has been shown to both be part of waterwater and known as a cancer causing carcinogen:
 - [Disclosure of hydraulic fracturing fluid chemical additives: Analysis of regulations](#)
 - [The implications of unconventional drilling for natural gas: a global public health concern](#)
- **The proposed use of this as a commercial disposal well.** This brings with it increased truck traffic, not only to upgrade roads and facilities to house the site, but also daily trips by multiple trucks during the 10 years the permit is active: 54,000 barrels of oil and gas brine/month = 2.1 millions gallons/month, or 45 tanker trucks every week.
- **The risk, while deemed low, of seismic activity and/or injection site blowout.** While the porosity of the the injection zone has been determined adequate, being that it is located between two confining zones of low permeability (upper confining zone of Riddlesburg Shale, and a lower confining zone of Riceville-Oswayo Shale), more information is needed related to seismic risk because of the inconclusive demonstration of the absence of any faults in the area of the well ([Statement of Basis, pg. 4, para. 2](#)). Also, does sandwiching the injection zone between low permeability confining zones increase the likelihood for a blowout or gas migration?

Please consider this appeal to reject the Penneco permit. Or at minimum, extend the application review and public comment period so more questions can be asked and answered sufficiently as to how a wastewater injection well will impact the health and well-being of the families that live in this area.

Gratefully,
Mike Bowersox

1671 Old Leechburg Rd
New Kensington, PA 15068
(412) 918-6873

Bennett, James

From: Todd Shelly <jeepanddog@gmail.com>
Sent: Tuesday, July 25, 2017 2:44 PM
To: Scavello, Grant
Subject: Penneco Environmental Solutions in Plum Borough PA

Categories: Penneco - Hearing

Grant:

I am writing as a Pennsylvania resident to urge you not to approve the proposed permit for Penneco Environmental Solutions to dispose oil and gas wastewater in Plum Borough, PA. I do not want to see our water supplies threatened by the many toxic chemicals found in drilling waste, and the site is too close to the 40 oil and gas wells already existing in Plum. Further, the transport and storage of millions of gallons of hazardous wastewater is a risk to nearby residents from spills and accidents which EPA does not have the resources to monitor.

As a Scout Master, avid Mt Biker, and Outdoor Enthusiast, I am very concerned with how these items impact our local resources.

*Thank you,
Todd Shelly*

Bennett, James

From: L Lockhart <lm1phd@verizon.net>
Sent: Monday, August 07, 2017 4:11 PM
To: Bennett, James
Subject: Penneco Environmental Solutions permit request

Mr. Bennett,

I was unable to attend the recent public hearing on 7/26/17 regarding Penneco Environmental Solutions' request for a permit for disposal of fracking waste water in Plum borough. However I wanted to express my adamant objection to any natural gas drilling or waste disposal in the Penn Hills/Plum region. I am a homeowner in Penn Hills, which recently rejected requests from another company to place natural gas wells in a residential area of our municipality (the former Churchill Valley Country/Golf club).

Likewise we do not wish to have any fracking waste water disposal due to the history of numerous earthquakes in other states where this is done. One of our church members has a daughter living in Oklahoma City, OK where they have had almost continuous earthquakes due to the oil and gas drilling, most recently several rating 4.0 - 4.2 on the Richter scale. All homeowners there are required to carry Earthquake insurance due to the industry in that area.

PA is already subject to significant mine subsidence and we do not need fracking to add to the risk of loss from earthquakes. There is also the risk of water contamination, which could exacerbate the problem of lead contamination in Allegheny County.

Please do not approve this or any other company's similar request.

Thank you for the opportunity to register my concern to protect our communities' safety and property values.

Sincerely,

Lydia Lockhart, Ph.D.
7769 Thon Dr.
Verona, PA 15147

Bennett, James

From: Christy Larivee <christyaheath@hotmail.com>
Sent: Tuesday, July 18, 2017 1:13 PM
To: Scavello, Grant
Subject: Penneco Environmental Solutions, LLC (Permit No. PAS2D701BALL)

Categories: Penneco - Hearing

July 18, 2017

Grant Scavello
U.S. Environmental Protection Agency –
Region III Ground Water & Enforcement Branch (3WP22)
1650 Arch Street, Philadelphia, Pennsylvania 19103

Mr. Scavello,

I am writing to express my disapproval of the consideration of the use of the UIC Class II commercial disposal injection well, by Penneco Environmental Solutions, LLC (Permit No. PAS2D701BALL), in Plum Borough, Allegheny County, Pennsylvania. As a resident of Plum Borough, PA I am concerned about the potential environmental impact this will have on ground water, and on the influx of trucks transporting toxic materials through my community. I am not in support of the approval of this well, please reconsider denying this permit.

Respectfully yours,

Christian Larivee
213 Nassau Dr.
Pittsburgh, PA 15239

412-315-8909

Sent from [Mail](#) for Windows 10

Bennett, James

From: Roberta Winters <rlwinters@comcast.net>
Sent: Wednesday, July 26, 2017 11:37 PM
To: Scavello, Grant
Subject: Penneco Environmental Solutions, LLC Permit No. PAS2D701BALL
Attachments: Penneco Environmental Solutions, LLC Permit No. PAS2D701BALL

Categories: Penneco - Hearing

Dear Mr. Scavello,

Please accept my comments on the permit for **Penneco Environmental Solutions, LLC Permit No. PAS2D701BALL.**

Thank you for your ongoing efforts to protect our environment. We are most appreciative of the public hearing that is being held on this important issue this evening. I regret I was unable to attend but am providing written input for your consideration.

Sincerely,

**Roberta Winters,
332 Williams Road
Rosemont, PA 19010**

Bennett, James

From: Dr. Sherwood Johnson <sjohnson@pvs-ec.com>
Sent: Wednesday, July 26, 2017 5:41 PM
To: Scavello, Grant
Subject: Penneco Environmental Solutions permit

Dear Mr. Scavello –

I am writing as a Western Pennsylvania resident to urge you not to approve the proposed permit for Penneco Environmental Solutions to dispose oil and gas wastewater in Plum Borough, PA. We cannot allow our water supplies to be threatened by the numerous toxic chemicals found in drilling waste. Previous disposal wells have been associated with multiple environmental hazards in multiple states, including Oklahoma, Ohio, and right here in Pennsylvania. There are no assurances that the waste water will be contained in wells and not leak into surrounding wells and water sources. Additionally, the storage site is too close to the already-existing 40 oil and gas wells in Plum.

Further, transport and storage of millions of gallons of hazardous wastewater is a risk to nearby residents from spills and accidents.

Lastly, the EPA does not have the resources to monitor these concerns and review and enforce regulations.

With this in mind, I humbly request that the proposed permit for Penneco Environmental Solutions to dispose oil and gas wastewater in Plum Borough, PA be denied.

Thank you for your consideration,

Dr. Sherwood Johnson



A. Sherwood Johnson, DVM
Diplomate ACVIM (Internal Medicine)

Pittsburgh Veterinary Specialty and Emergency Center
807 Camp Horne Road
Pittsburgh, PA 15237

Phone: (412) 366-3400
Fax: (412) 366-3489
www.pvs-ec.com

Bennett, James

From: alimarieshapiro@gmail.com on behalf of Ali Shapiro <ali@alishapiro.com>
Sent: Tuesday, July 25, 2017 4:38 PM
To: Scavello, Grant
Subject: Penneco Environmental Solutions

Categories: UIC, High Importance, Penneco - Hearing

Dear Grant,

As a PA resident, I'm concerned about the EPA's pending decision to risk contaminating local water supplies.

I urge you not to approve the proposed permit for Penneco "Environmental" Solutions to dispose oil and gas wastewater in Plum Borough, PA. I do not want to see our water supplies threatened by the many toxic chemicals found in drilling waste, and the site is too close to the 40 oil and gas wells already existing in Plum.

I had cancer as a teenager growing up in the Franklin Park suburbs. This year, research confirmed what we know about childhood cancers: they are in large part because of toxic environmental exposure.

Pittsburgh has one of the highest rates of cancer in the country because of poor consumer environmental protections and the legacy of our Steel days. Please do not add to the environmental clean up already required of us so we can continue to make Pittsburgh a place people want to work and live.

Further, the transport and storage of millions of gallons of hazardous wastewater is a risk to nearby residents from spills and accidents which EPA does not have the resources to monitor.

Be well,

Ali

--

[Ali M. Shapiro](mailto:ali@alishapiro.com)
ali@alishapiro.com
267.908.4477

Check out my iTunes New and Noteworthy podcast, [*Insatiable!*](#)

Bennett, James

From: lisa wunschel <lisa2444@gmail.com>
Sent: Wednesday, July 19, 2017 8:56 PM
To: Scavello, Grant
Subject: Oil and Gas Waste Water Disposal

Categories: Penneco - Hearing

Good evening. I am a resident of Plum Borough and was notified that Penneco Environmental Solutions applied to have an oil and gas waste water disposal well in Plum. As a resident I have many questions and concerns about this disposal system in the area. First question is where in Plum Borough will this well be located? Secondly what health issues can arise from such a well? With all the publicity that Plum Borough has received in the past 2 years, I as a resident of 17 years am not pleased that this would even be an option for the Borough. I would like someone to respond to my questions as soon as possible. Thank you

Lisa Wunschel
Resident of Plum Borough

Bennett, James

From: Larry Noble <jlnoble1@comcast.net>
Sent: Wednesday, July 19, 2017 2:40 PM
To: Scavello, Grant
Subject: PAS2D701 Public Hearing Request

Categories: Penneco - Hearing

I am requesting to speak at the public hearing for permit PAS2D701 for disposal of produced water from fracking. Please contact me at jlnoble1@comcast.net.

Thank you.

Jean Noble
Sent from my iPad

Bennett, James

From: Natalie Watson <natalieawatson@yahoo.com>
Sent: Wednesday, July 19, 2017 6:56 PM
To: Scavello, Grant
Subject: PAS2D701BALL

Dear Mr. Scavello,

My family and I are currently looking to purchase a home in Plum, PA. It has come to my attention that an injection well for Penneco Environmental Solutions, LLC is in the works for that borough.

I attended university in Tulsa, Oklahoma and still have many friends that live in that region. Due to all of the fracking, that state is experiencing a record number of earth quakes and environmental anomalies. This type of well requires a public hearing due to these potential dangers. It's risks and hazards must be weighed by community members and those moving into the area.

I look forward to hearing when this public hearing will be scheduled, Mr. Scarvello, and thank you in advance. I know the Pennsylvania EPA's purpose and priority is to protect the health, land, and water of its citizens. We are counting on you.

Regards,

Natalie Watson

Bennett, James

From: Jil Methven <jillym2007@comcast.net>
Sent: Saturday, August 05, 2017 10:55 AM
To: Bennett, James
Subject: Pennalco Injection Well

I am writing to you today as a citizen living in Regency Park in Plum Borough, PA. A hearing was held at the Plum Community Center about 2 weeks ago and that was the first time any of the citizens had heard of this request to dump fluids from oil and gas. I am requesting another meeting be held in Plum Borough so more of it's citizens can hear what is going on and have a say in this decision.

Jil Methven
jillypgh@gmail.com

Bennett, James

From: stephen fedele <sfedele25@gmail.com>
Sent: Wednesday, July 19, 2017 4:16 PM
To: Scavello, Grant
Subject: Penneco, LLC PAS2D701BALL

Categories: Penneco - Hearing

Mr. Scavello,

My name is Stephen Fedele. I am a resident of Murrysville, Pennsylvania.

I am writing to comment on the EPA's plan to issue an Underground injection Control (UIC) Class II-D permit to Penneco Environmental Solution, LLC of the disposal of fluids from commercial oil and gas operations in Plum Borough PA; permit number PAS2D701BALL.

I worry that if this permit is granted, streams and ground water in the area will be at risk of contamination. The town I live in, Murrysville, is adjacent to Plum Borough; I often visit local parks in both Murrysville and Plum Borough with my dogs who love to play in the streams.

I urge you take my comment into consideration when making the decision on issuance of this proposed permit and I hope that the issuance of this permit will be rejected.

Thank you,
Stephen Fedele

Bennett, James

From: Patricia Kennedy <patkennedy717@verizon.net>
Sent: Sunday, August 06, 2017 9:50 PM
To: Bennett, James
Cc: Bennett, James
Subject: Penneco application

Mr. Bennett:

I am writing you to ask that the EPA reject the application that would allow PENNECO to inject fluids left over from gas and oil drilling. This area is already impacted from decades of mining and its aftermath. The amount of acreage that is undermined is vast, and the results of that damage has never been published.

Now the EPA is considering adding contaminated fluids to the earth below our homes, schools, playgrounds, and ball fields with no real justification for this action?

I implore you to think of the children and what impacts this could possibly have on them. I know of three young people who were impacted by cancer before the age of 25, all who had been born and raised in Plum Borough. Two lost their lives before the age of 30. Coincidence you think, no connection? Maybe but would you move your family here?

NO! is the only answer to Penneco that is morally acceptable.

Patricia Kennedy
Resident of Plum Borough

Sent from my iPhone

Bennett, James

From: Brandon McCullough <brandonmccullough@gmail.com>
Sent: Tuesday, August 08, 2017 5:33 PM
To: Bennett, James
Subject: Penneco Underground Injection Control Permit Number PAS2D701BALL
Attachments: Plaintiff's Third Amended Complaint (2) - as filed.pdf

Dear Mr. Bennett,

I am writing to express my opposition to the Underground Injection Control Permit being sought by Penneco Environmental Solutions, LLC (Penneco) for a proposed injection well in Plum Borough, Allegheny County, Pennsylvania. I am a long-time resident of Plum Borough, and I currently reside at 104 Teton Drive, Plum, PA 15239. I am also a lawyer at the law firm of Picadio, Sneath Miller and Norton, P.C. located in Pittsburgh, PA.

I attended the public hearing held in Plum Borough on July 26, 2017. I agree with and echo many of the concerns with this proposed injection well raised by attendees at the meeting, particularly those related to concerns with impacts on drinking water, mine subsidence issues, and seismic issues. The relatively shallow depth of this proposed well in comparison to other injection wells is also particularly concerning, as it is much closer to the drinking water table than a typical injection well. The proximity of this well to large residential areas is also troubling.

I also do not agree that Penneco is an appropriate company to operate this type of well. As was touched upon at the public hearing, Penneco has a poor compliance record. Significantly, I personally litigated a lawsuit against Penneco on behalf of a client that was filed in 2010 related to Penneco's well pad activities and odors emanating from a well located in Plum Borough operated by Penneco, which is only several miles from this proposed injection well. A copy of the publicly-filed Third Amended Complaint in that lawsuit is attached. That lawsuit was settled pursuant to a Confidential Settlement on the eve of trial in December 2013.

Based on the foregoing, I respectfully request that the EPA deny the permit requested by Penneco. Please note that this correspondence expresses my personal views only and does not express the views of my employer, Picadio Sneath Miller & Norton, P.C.

Thank you for your attention to this matter.

R. Brandon McCullough, Esq.
104 Teton Drive
Plum, PA 15239
(412) 445-4867
brandonmccullough@gmail.com

Bennett, James

From: Joe Starkey <jessstar1234@gmail.com>
Sent: Wednesday, July 26, 2017 9:47 PM
To: Scavello, Grant
Subject: Penneco Disposal Site- Plum

Categories: Penneco - Hearing

I oppose this proposal. No one says it more eloquently than this, which I will plagiarize:

Mind-boggling when you realize the sheer volume of toxic wastewater produced by the new shale gas industry. In two months, this disposal well would take in the amount of wastewater required to hydraulically fracture just one Marcellus well which would fill 7 Olympic-sized swimming pools. Moving the toxic fluids from fracturing one average well requires 1,000 diesel tanker truck round trips, contributing greatly to local air pollution. Then factor-in that some of the latest local well pads will have 24 wells with well pads only 1 to 2 miles apart. Our half of Pennsylvania is projected to have 50,000 to 100,000 wells. The levels of carbon pollution created by these well sites, not to mention the huge volumes of toxic fluids, sure put a huge dent in that old industry moniker "clean burning natural gas" due to everything required to produce, process and compress the gas. Our old matrix of coal mines only adds to the excitement with mine subsidence near so many new pipelines. Then consider that 2.1 earthquake on May 11, 2017 near Claysville, Pa in the heart of new drilling and fracturing territory. Another environmental nightmare is well underway in the Keystone state.

Joe Starkey
Holiday Park, Plum Borough, Pennsylvania

Sent from my iPad

Bennett, James

From: Stephanie Ulmer <ulmer.stephanie.marie@gmail.com>
Sent: Saturday, July 22, 2017 10:13 AM
To: Scavello, Grant
Subject: Penneco Disposal Well Permit

Categories: Penneco - Hearing

Dear Mr. Scavello,

Please deny Penneco Environmental Solutions' request for a permit for a disposal well about a quarter of a mile south of the intersection of Old Leechburg Road and Route 366.

The disposal well would be built on top of a plugged natural gas well. As we all know, cement, with which the well is plugged, deteriorates over time. The stress from the injection of the brine above it would certainly hasten this deterioration. We have absolutely no reason to believe that the highly toxic brine would not eventually seep out of its "container" and into our water supply. The question is not if, but when. Our water is far too precious to be put at risk by the fossil fuel industry.

There is no justification for supporting the extraordinary demands of this destructive commercial enterprise. It is not in the public's best interests.

Thank you.

Stephanie
Edgewood, PA

Bennett, James

From: Johnson, Carol B. <cjohnson@ccac.edu>
Sent: Friday, July 28, 2017 9:34 AM
To: Bennett, James
Subject: Penneco Injection well

Dear Mr. Bennett:

My husband and I attended the EPA meeting at the Plum Community Center July 26. At the meeting we learned a lot and realize just how dangerous this proposed wastewater injection well really is. We want to stop Penneco from getting this well approved. Below are our concerns:

- Contamination of the water table from well failure
- Chemicals and radioactivity in the wasted water to be pumped into the ground a couple of miles from our homes
- Lack of infrastructure to accommodate all the trucks hauling the wastewater - pumping up to **54,000 BARRELS per MONTH** into the well
- Increased traffic on a two-lane rural road and associated air and noise pollution from diesel trucks
- Likelihood of an accident involving these trucks with full loads of wastewater
- Landslides on the slope leading to the well
- Correlation between injection well activity and increased seismic activity (See events in Ohio, Oklahoma, Texas, Colorado)
- Earthquake insurance may cost three times what our homeowner's insurance costs Finger pointing between mine subsidence insurance and earthquake insurance?
- Earthquakes can be triggered long after Penneco has pulled up stakes and left us to deal with this mess. Western Pennsylvania is entirely unsuitable for this project and all 11 proposed injection well sites are located here.
- Instability of coal columns in this heavily undermined borough
- Uncertainty that the layers above below the proposed injection site will not fracture allowing the wastewater to take a path of least resistance - all the way to the Allegheny River
- Penneco's history of noncompliance, being cited, paying the fines and moving on
- Drop in our property values and difficulty selling homes so close to the injection well
- Effects on wildlife

Please do not let this happen in our community of Plum Borough as it will only bring problems that we do not want. Vote "NO" for the Penneco injection well in Plum Borough, PA.

Sincerely,

Carol Johnson, 732 Glengarry Court, Plum, PA 15239

Bennett, James

From: Rae Mancilla <maestraloca26@yahoo.com>
Sent: Wednesday, August 02, 2017 4:21 PM
To: Bennett, James
Subject: Penneco Oil Well, Penn Hills, Resident Concerns

Dear Mr. Bennett,

I am a resident of the Penn Hills Municipality, which has been selected by Penneco as a site for converting an unused gas well on Old Leechburg Road into an injection well for the brine and waste products from their oil and gas industries.

I live within 6 miles of the proposed injection well and am extremely concerned about the impact the well could have on the quality of the drinking water for me and my family. It is well-known that injection wells can suffer leaks that emit dangerous chemicals and waste products into the aquifers that supply public drinking water. Such leaks have occurred in many major cities, like Los Angeles, as well as parts of Florida, Oklahoma, and Louisiana.

There is no available research on the long-term effects that these chemicals may have on the health of those living in neighboring communities. No information has been provided to the residents of this community that will be drastically affected by installing an injection well.

The quality of the drinking water of Penn Hills has already been compromised by recent Alcosan violations and our community has suffered heavy taxation on water and sewage to secure sanitary drinking water. I feel the need to voice these concerns as a citizen of Penn Hills and would implore you and members of the EPA to take into consideration the effect this decision would have on the lives of innocent, tax-paying citizens like myself.

I urge you to consider whether you would feel comfortable with the installation of an injection well in your backyard, where your source of drinking water might reside. Please take a stand against Penneco's efforts to install this injection well.

Sincerely,

Dr. Rae Mancilla

Environmental Protection Agency Region III

c/o James C. Bennett Jr., Branch Chief
Water Protection Division
1650 Arch Street (3WP22)
Philadelphia, PA 19103
Email: bennett.james@epa.gov

Bennett, James

From: Jim Morrison <JMorrison@murrysvillegov.org>
Sent: Thursday, July 20, 2017 11:57 AM
To: Scavello, Grant
Subject: Penneco Permit # PAS2D701BAL

Categories: Penneco - Hearing

Mr. Scavello

The Municipality of Murrysville, Westmoreland County, Pa is located adjacent to Plum Borough where Penneco Environmental Solutions has made application for an injection well Permit # PAS2D701BALL. The Municipality first became aware of this permit application last evening during a regularly schedule Council Meeting. As a result the Municipality has not had sufficient time to review all of the documentation which may be available to determine the full impact of this proposed application on the Municipality and its 20,000 residents. Our initial concerns based on the limited amount of information available are:

- Since the original date of the Penneco application was March of 2016 why wasn't public notice given to the impacted communities;
- There exist a number of private well water sources in the area and residents will want assurances that their supply of water will not be impacted by this injection well; and
- Probably of greatest concern is the number of abandon gas wells which exist, but not mapped or properly plugged.

Based on these concerns the Municipality of Murrysville requests the EPA to schedule a public meeting for the residents of the community prior to the issuance of the permit so that these questions may be addressed.

Jim Morrison
Chief Administrator
Municipality of Murrysville
(P) 724-327-2100
(F) 724-327-2881
www.murrysville.com

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Bennett, James

From: Dillon Carr <dcarr@tribweb.com>
Sent: Tuesday, July 18, 2017 3:08 PM
To: Scavello, Grant
Subject: Penneco permit

Categories: Penneco - Hearing, UIC, High Importance

Hi Grant,

Thanks for taking these questions. Please respond by close of business (5:00 p.m.) today.

- When did Penneco submit this application for the permit?
- When did EPA issue the UIC permit to Penneco?
- These “fluids from commercial oil and gas operations...” is it accurate to refer to them as fracking fluids?
- Will this well’s purpose be to dispose of the fluids or to store the fluids?
- “EPA requests public comment on its findings that the proposed injection activity under the new draft permit is unlikely to pose a risk to underground sources of drinking water...” Is there a document somewhere that says this well poses no threat to drinking water?
- So what comes first ... a request to hold a public meeting or send comments? The release states EPA must receives requests to hold a public meeting by Thursday, July 20 but then says to email or mail comments by July 26. What should residents do first?
- “significant degree of public interest”: how is this determined?
- Do you have a contact with Penneco so I can call them to ask questions about their company?

Looking forward to a timely response. Thank you.

Dillon Carr
Reporter | Tribune-Review
o: 412.871.2325
c: 724.309.5875
@dillonswriting

Bennett, James

From: P A Calderone <pacalderone@comcast.net>
Sent: Thursday, July 20, 2017 8:54 AM
To: Scavello, Grant
Subject: Penneco Permit

To Grant Scavello and Whomever It May Concern,

Granting this permit to put the poison from fracking into an old well is a terrible choice. Rather than allow this to occur, it would be better to serve both citizens and environment to stop the poison from occurring in the first place.

Expect property values to plummet, leaking to occur, ground and aquifers to be contaminated, and excessive remediation costs to rise when (not if) this permit is allowed.

The entire industry has ruined several states (think Oklahoma and Ohio and earthquakes) and permanently damaged both livestock and humans.

It's time to put the people of our state first, and deny this abomination.

Sincerely,
Patricia A Calderone

Bennett, James

From: Robert DiPasquale <rdipasqu@tepper.cmu.edu>
Sent: Thursday, July 27, 2017 12:06 PM
To: Bennett, James
Subject: Penneco/Plum Well Proposal

Mr. Bennett,

As a resident of Plum Borough I would like to voice my strong opposition to Penneco's proposed wastewater injection well. As we raise our family, the last thing we want near our house is this type of operation with its many unknown risks and our worry is only compounded by Penneco's poor compliance history.

I appreciate your help in denying Penneco's application and keeping this kind of operation, and the associated risks, out of our community.

Thank you,
Robert M. DiPasquale

Sent from my iPhone

Bennett, James

From: Rich Hrivnak <richhrivnak@yahoo.com>
Sent: Thursday, July 20, 2017 8:19 PM
To: Scavello, Grant
Subject: Penneco project in Plum Borough

Categories: Penneco - Hearing

I am writing to express my concern with the proposed Penneco oil and gas wastewater disposal well in Plum. As an elected official and as a Trout Unlimited Life Member, my concerns directly relate to the potential health and environmental impacts on our community. I look forward to a public hearing on this matter.

Richard Hrivnak
Mayor of Plum Borough

Sent from my iPhone

Bennett, James

From: Gillian Graber <gilliangrabergmail.com>
Sent: Friday, July 28, 2017 4:00 PM
To: Bennett, James
Subject: Penneco Sedat 3A Application
Attachments: Sedat3A_library_file.pdf

Dear Mr. Bennett,

At the hearing you announced there was a copy of Penneco's application available at the Plum Library. The attached document is all the is available at the library and it does not include the entire application. It seems the person who submitted this did not submit everything needed in order for the public to learn everything about the proposed activity. Can you please provide me with a copy of the application in it's entirety since there were not enough copies made available to all interested parties at the hearing and at the public library. Also, please extend the time limit on comments until these documents can be received and reviewed. If you have an electronic version of the application we would gladly accept that.

Sincere Regards,

Gillian Graber

> On Jul 27, 2017, at 6:02 PM, Jim Rosenberg <jr@amanue.com> wrote:

>

> [Maybe you're ahead of me here ...]

>

> Gillian: EPA announced at the hearing that they made a copy of Penneco's application available at the Plum library. Someone from the area needs to go over there and see if we can get a copy made and then scan that thing. This could give us some more specific things to attack.

>

> Sorry to be giving out homework, but I think this little job has Protect PT's name on it ...

>

> -Thanks, Jim

Bennett, James

From: Dave Carpenter <dcarpent@consolidated.net>
Sent: Tuesday, July 25, 2017 8:00 PM
To: Scavello, Grant
Subject: Penneco toxic waste

Dear Mr Scavello

I am writing as a Pennsylvania resident to urge you not to approve the proposed permit for Penneco Environmental Solutions to dispose oil and gas wastewater in Plum Borough, PA. I do not want to see our water supplies threatened by the many toxic chemicals found in drilling waste, and the site is too close to the 40 oil and gas wells already existing in Plum. Further, the transport and storage of millions of gallons of hazardous wastewater is a risk to nearby residents from spills and accidents which EPA does not have the resources to monitor.

Sincerely

David Carpenter

Bennett, James

From: Myron Arnowitt <marnowitt@cleanwater.org>
Sent: Wednesday, July 26, 2017 5:11 PM
To: Scavello, Grant
Cc: 'Myron Arnowitt'
Subject: Penneco UIC permit comments
Attachments: Penneco UIC permit comments 7-26-17.pdf; Penneco OG violations.pdf

Categories: Penneco - Hearing

Dear Grant Scavello,

Please find attached Clean Water Action's comments on the proposed UIC permit for Penneco Environmental Solutions in Plum Borough, PA.

Thank you for your attention to this matter.

Sincerely,

Myron Arnowitt
Pennsylvania Director
Clean Water Action
100 Fifth Ave., #1108
Pittsburgh, PA 15222
marnowitt@cleanwater.org

Bennett, James

From: Cindy McKay <cpmckay@littlemetalshop.com>
Sent: Monday, August 07, 2017 10:08 PM
To: Bennett, James; Al Birch; Rick Kunkle
Subject: Penneco

Dear Mr. Bennett,

Good evening! Penneco had drilled our original well in 1996. They fracked it and drilled a second well since then.

I'm so frustrated with so many Plum borough residents who know nothing about Penneco or the integrity of their staff, telling me all of the bad things that will happen if Penneco is allowed to proceed with their requested disposal. They are a local company with local employees. They have always been a great business partner. Our land is in better condition than before the wells were drilled. These Plum folks know nothing about owning land that has wells on it, only what they see on made for tv movies that paint the oil company as the bad guys.

These same Plum folks didn't want to hear it when we complained about the company that ran the water lines, left our land in a condition that does not allow my husband to mow it.

Or when the tree company, left debris all over out property when cutting trees down for the senior center and my husband had to spend several evenings cleaning it up with the bobcat.

Or when Pivik school was built without any plan for erosion and we ended up with a 30' wide river behind out barn cutting our cow's path off to shelter. Again, my husband had to cut a culvert with the bobcat to save our land from their poor planning.

In closing, we have always had a great working relationship with Penneco and I trust that they will do the right things to keep Plum safe. I also know that they have worked closely with the EPA on our wells.

Sincerely, Cindy McKay

412-304-8759

Bennett, James

From: Judy Sadowski <judysadowski@verizon.net>
Sent: Saturday, July 29, 2017 10:34 AM
To: Bennett, James
Subject: Penneco's proposed wastewater injection well in Plum Borough

Importance: High

Mr. Bennett,

I attended the public hearing at the Plum Community Center on July 26th. By the time I was called to speak, most of my talking points had been covered by others and I opted to send my written comments to save time.

I have been a resident of Plum Borough since 1976, 41 of my 64 years. My husband, Dennis, and I chose to move from the city of Pittsburgh to this beautiful suburban bedroom community and love it here. We sold our ranch style home in 2009 and moved into a condo at the Isles at the Highlands, located just down the road from the proposed Penneco site for its wastewater injection well.

I graduated magna cum laude from the University of Pittsburgh with a double major in Geography and Geology (Department of Earth Sciences). While certainly not an expert in the field, I have a better understanding than the average person. I am strongly opposed to both fracking and the methods to dispose of the toxic byproducts of the process. The topography and underlying geology of Western Pennsylvania is entirely unsuitable for the proliferation of these injection wells. We all know once there is one, many will follow.

The Borough of Plum is thoroughly undermined and we, as responsible homeowners, have mine subsidence insurance. The question is not really if, but when, earthquakes will be triggered from the pumping of 54,000 barrels of wastewater every month. There is a very real possibility of contamination of our aquifers whether through well failure or deliberate efforts to pump more, faster, and at higher pressures than planned. What could possibly justify accepting risks such as these other than financial rewards for Penneco? Risk management has been defined as "the identification, analysis, assessment, control, and avoidance, minimization, or elimination of unacceptable risks." I have listed my concerns in bullet points below:

- Contamination of the water table from well failure
- Chemicals and radioactivity in the wasted water to be pumped into the ground a couple of miles from our homes
- Lack of infrastructure to accommodate all the trucks hauling the wastewater - pumping up to **54,000 BARRELS per MONTH** into the well
- Increased traffic on a two-lane rural road and associated air and noise pollution from diesel trucks
- Likelihood of an accident involving these trucks with full loads of wastewater
- Landslides on the slope leading to the well
- Correlation between injection well activity and increased seismic activity (Examples: Ohio, Oklahoma, Texas, Colorado)

- Earthquake insurance may cost three times what your homeowner's insurance costs Finger pointing between mine subsidence insurance and earthquake insurance?
- Earthquakes can be triggered long after Penneco has pulled up stakes and left us to deal with this mess. Western Pennsylvania is entirely unsuitable for this project and all 11 proposed injection well sites are located here.
- Instability of coal columns in this heavily undermined borough
- Uncertainty that the layers above and below the proposed injection site will not fracture allowing the wastewater to take a path of least resistance - all the way to the Allegheny River and beyond
- Penneco's history of noncompliance, being cited, paying the fines and moving on
- Drop in our property values and difficulty selling homes so close to the injection well
- Unknown effects on wildlife
- Detrimental effects of stress from living with possible serious risks

It is completely irresponsible for anyone to ignore these very serious risks. Your own mission statement states "EPA's purpose is to ensure that all Americans are protected from significant risks to human health and the environment where they live, learn and work". Please, you must, in good conscience, deny Penneco's application for this injection well, and any others proposed in Western PA in the future.

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Our Mission and What We Do

Our Mission

The mission of EPA is to protect human health and the environment.

EPA's purpose is to ensure that:

- all Americans are protected from significant risks to human health and the environment where they live, learn and work;
- national efforts to reduce environmental risk are based on the best available scientific information;
- federal laws protecting human health and the environment are enforced fairly and effectively;
- environmental protection is an integral consideration in U.S. policies concerning natural resources, human health, economic growth, energy, transportation, agriculture, industry, and international trade, and these factors are similarly considered in establishing environmental policy;
- all parts of society -- communities, individuals, businesses, and state, local and tribal governments -- have access to accurate information sufficient to effectively participate in managing human health and environmental risks;
- environmental protection contributes to making our communities and ecosystems diverse, sustainable and economically productive; and
- the United States plays a leadership role in working with other nations to protect the global environment.

Judy Sadowski

Bennett, James

From: Beth Jamison <bjamison963@gmail.com>
Sent: Tuesday, July 18, 2017 10:36 AM
To: Scavello, Grant
Subject: Penneco Injection Well - Plum Borough, PA

Categories: Penneco - Hearing

to: Mr. Grant Scavello
Ground Water and Enforcement Branch
US EPA
1650 Arch Street
Philadelphia, PA 19103

Dear Mr. Scavello,

I am writing in response to a notification I received about Penneco Oil and Gas Company wanting to convert an ex-producing natural gas well into a "produced fluid disposal" injection well for the Sedat #3A. - Plum Borough, PA.

First of all, I believe public participation is essential, and therefore, respectfully request a public hearing on the matter of this injection well. Industry waste disposal is a serious topic that every resident and tax paying citizen has a right to know about and make known their concerns.

Therefore, the issues that I would like to raise at the public hearing are as follows:

Total transparency about what is being injected into the ground - its composition of brine, chemicals, and radioactivity levels. (actual quantities, names, and/or percentages please)

Injection wells are federally regulated. What are the regulations and who is available to regulate them? After all, the president wants to slash EPA funding, and the PA DEP is understaffed.

Are there TENORM regulations that need to be followed?

Is the cement casing the original cement from 1989? The saying goes, "the only way to keep cement from cracking is to leave it in the bag."

"The maximum injection pressure has been calculated to prevent the initiation of new or the propagation of existing fractures in the injection zone during operation of the Injection Well." How do you know if a fracture exists already? Do you have photos/video of entire underground area being injected?

"The permit provides that the Permittee shall inject through the Injection Well **only** into a formation which is free of known open faults or fractures.....**Although the submitted geologic information does not conclusively demonstrate the absence of any faults in the area of the well**".....If Penneco cannot conclusively demonstrate the absence of any faults, then there is a possibility they can exist. That is a heavy risk to take (water contamination and earthquakes) with no benefit to the people or environment.

Penneco has 10 years to continue to inject this heavily toxic fluid into this well. Does this include the other 5 wells that penetrate the injection zone in the Area of Review? What does corrective action for these 5 wells even mean?

Of course there will be fluid movement, by its very definition a fluid is a substance having particles that easily move; capable of flowing.

This moving fluid will not know to stop at the "quarter mile" fixed radius. Toxic fluid that gets injected into the ground, and doesn't ever come up..just doesn't make sense. There is no industry standard for underground, no one ever knows what can happen, when you cannot see it. This poses a great risk to drinking water contamination.

I am a lifelong resident of Pennsylvania.

How do the people benefit from this injection well?

How does the Environment benefit?

Who bears the risks from this injection well?

All of these issues are of concern to me, as well as my family members, who live in neighboring communities that border Plum. Please hold a public hearing to let us voice the issues that concern our health and welfare for years to come.

Sincere regards,

Beth Jamison
Jeannette, PA

Bennett, James

From: caddressi@comcast.net
Sent: Thursday, August 03, 2017 4:25 PM
To: Scavello, Grant; Bennett, James
Cc: Cathy Addressi
Subject: Penneco Injection Well in Plum Borough, Pa.-3WP22

Dear Gentlemen,

I was grateful to have the opportunity to watch the meeting you had at the Plum Municipal Building last week online. I am concerned because I was not aware of this meeting in advance, and I live within 3 miles of this proposed site. I am aware of other residents of Plum Borough that did not hear about this meeting until it was reported in the local news afterwards. I do hope you will review my comments below.

I found the comments made by my neighbors during the meeting to be passionate, clear and troubling. I will not repeat their comments, but I do want to point out a few additional areas of concern.

Plum Borough is home to 27,400 people (as per www.census.org). Many of those people live very close to the proposed injection well site. Many of the people that live the closest to this proposed injection site, drink well water. There are an additional 20,000 residents in Murrysburg, which abuts Plum. I live in Murrysburg. Lower Burrell has another 11,000 residents, Monroeville 28,000 residents and Oakmont 6,400. All of these communities are within 10 miles of the proposed injection well site.

Pucketa Creek runs along Rt. 366 which is directly below the proposed site. This creek flows directly toward the Allegheny River.

My biggest concern is about the proximity of **The Allegheny River** to this proposed injection site. This river is less than five miles from the proposed injection site, and a **source of drinking water for thousands closeby, and millions downstream**. When this toxic waste water is injected into the ground, some may be absorbed by the ground, but most will flow downstream. The Allegheny River and the Monongahela River meet and form the Ohio River approximately 20 miles west (the same way the water flows) of the proposed injection site.

What lies downstream? Drinking water! Here is a partial list of all of the areas serviced by the Allegheny River directly downstream of the proposed injection site: Plum Creek Water Control Plant, Oakmont Water Treatment Plant, Pittsburgh Water (PWSA), Wilkesburg Penn Joint Water Authority (WPJWA), Monroeville Water Authority serviced by WPJWA, Penn Hills Water Pollution Control Department, Clearwell, Ross Pump Station, Allegheny Valley Joint Sewage Authority and more!

Injecting toxic water into the ground so close to such a large population just does not make sense. Why would the EPA allow any company to expose a huge number of human beings to radioactive and toxic chemicals? It may be that this chemical exposure could poison the drinking water of not only those that live within a few miles, but also trickle downstream to millions!

I had the opportunity to tour Tour Ed Mines in Tarentum a few years ago. It is directly across the Allegheny River about 10 miles away (by car). How fascinating to view all of the undermining that took place around the turn of the 20th century. <http://www.tour-edmine.com/> As a Realtor, I took special note of the amount of areas that were undermined right across the river in the Plum Borough Area. Many of the areas dug-out are very close to the surface. The concern for mine subsidence and seismic activity in the areas surrounding Plum Borough is genuine. Many of these shallow dug-out "bedrooms" are being held up by wood posts. **How will a high powered injection well affect these shallow, weakly**

structured mines? What about the homes on top of these shallow mines. Adding this additional stress may overburden already weak undermining. Many people in Plum Borough have purchased mine subsidence insurance from the State of Pennsylvania. How will a large amount of additional claims be handled? **A high powered injection well so close to shallow coal mines (that are weakly reinforced) is just not sensible, and could be dangerous!**

I do understand that Penneco would like to keep their costs down by injecting waste water close to their fracking sites. **What value does it offer the citizens of Western PA?** It may put many lives in danger!

Please do not approve this application! Please encourage Penneco to find a safer place to inject this toxic waste water. **Please protect the people of Western PA by saying NO!**

Dangerous and toxic water should not be injected in Allegheny County, a home to 1.23 million people (as per the estimate July 1, 2016 US Census!)

Sincerely,

Cathy Addessi
4802 Kerriane Lane
Murrysville, Pa. 15668
caddessi@comcast.net
Cell: 412-889-1496

Bennett, James

From: Emily Craft Wilmore <eacraft1@gmail.com>
Sent: Thursday, July 20, 2017 10:23 AM
To: Scavello, Grant
Subject: Penneco Injection Well in Plum Borough

Categories: Penneco - Hearing

Dear Mr. Scavello,

I am writing to you in regards to the notification that Penneco Oil and Gas Company is exploring the conversion of an ex-producing natural gas well into a "produced fluid disposal" injection well for the Sedat #3A in Plum.

I would like to express the following concerns:

Public Participation: I believe public participation is essential, and therefore, I request a public hearing on the matter of this injection well. Industry waste disposal is a serious topic that every resident has a right to know about and express their concerns.

Transparency: There needs to be total transparency from the company about what is being injected into the ground, including its composition of chemicals and radioactivity levels (quantities, names, and/or percentages).

Regulations: Also, since injection wells are federally regulated, who will be regulating them? We are all aware of the President's intention to cut funding to the EPA and DE,P placing a larger burden on an underfunded and understaffed agency.

Faults: I also note the permit states "the Permittee shall inject through the Injection Well only into a formation which is free of known open faults or fractures, however the submitted geologic information does not conclusively demonstrate the absence of any faults in the area of the well." If Penneco cannot demonstrate the absence of any faults, that is a heavy risk to take with no benefit to the people or environment.

This proposed well is extremely concerning for me and I fear the well-being of my 15 month old daughter and any future children we may have. This is of the utmost concern to me and my family and I respectfully request a public hearing regarding this matter.

Regards,
Emily Wilmore

Bennett, James

From: Lynn Wigell <lynn.wigell@gmail.com>
Sent: Wednesday, July 19, 2017 8:35 PM
To: Scavello, Grant
Cc: Kevin Wigell
Subject: Permit #: PAS2D701BALL

Categories: Penneco - Hearing

Draft Permit: Penneco PAS2D701BALL

Dear Mr. Scavello,

I am a resident of Murrys ville, Pennsylvania and I'm writing to comment on the EPA plan to issue one Underground Injection Control (UIC) Class II-D permit to Penneco Environmental Solutions, LLC (Penneco) for disposal of fluids from commercial oil and gas operations, Permit Number PAS2D701BALL, in Plum Burough, PA.

My husband and I live in Murryville, PA which is a community directly adjacent to Plum Burough where the proposed disposal site would be located. I am very concerned about the environmental hazards this would have on the streams and groundwater in Murrys ville, Plum, and surrounding communities. I am also concerned with the potential for earthquakes in our area similar to those in Oklahoma that have been linked to similar wells. In addition, I worry about my property values should this wastewater injection well be allowed in our community.

I hope you will take my comments into consideration when making your decision and reject the issuance.

Sincerely,

Lynn Wigell

Bennett, James

From: Brenner, Raymond <Raymond.Brenner@ATImetals.com>
Sent: Tuesday, July 25, 2017 11:58 AM
To: Scavello, Grant
Subject: Permit application

Categories: Penneco - Hearing

I would like to request a copy of the deep well injection permit application for the Plum Borough, Pennsylvania site.

I wanted to review it before the public comment meeting scheduled for July 26.

Thank you,

RAYMOND BRENNER

 **412-475-0624**

 RAYMONDBRENNER@COMCAST.NET

Bennett, James

From: Patricia McElligott <patmcell@aol.com>
Sent: Tuesday, July 25, 2017 2:04 PM
To: Scavello, Grant
Cc: patmcell@aol.com
Subject: Permit for Penneco

Categories: Penneco - Hearing

Mr. Scavello: Please do not approve a permit for Penneco Environmental Solutions to dump oil and gas wastewater in Plum Borough, located near me in southwestern Pennsylvania.

Disposing these wastewaters irresponsibly will threaten our water supply with toxic chemicals. The site is also too close to the 40 oil and gas wells that already exist in Plum.

Southwestern Pennsylvania has struggled for years to reverse the environmental damage caused by steel mills, coal mines and other heavy industries. We have finally succeeded in remediating brownfields, reducing acid mine drainage and bringing our rivers and streams back to life. Don't allow corporations, with their limited perspective and indifference to local health, turn back the clock and bring new toxic waste into our communities.

Do the right thing. Turn down PES's application for a permit to dump waste in Plum Borough.

Thank you.

Patricia McElligott
710 Long Road
Penn Hills, PA 15235

Bennett, James

From: Megan Spillar <megan.spillar@hotmail.com>
Sent: Wednesday, July 19, 2017 7:49 AM
To: Scavello, Grant
Subject: Permit No. PAS2D701BALL

Categories: Penneco - Hearing

Mr. Scavello,

I'm writing to express my vehement objection to the proposed injection well site in Plum Borough. I live in the Murrysville area and I'm a teacher in the Plum School District. We do not want toxic brine water disposal so close to our homes and schools. A Zone of Endangering Influence of a quarter mile is insufficient; the potential impact is far more widespread. Potential earthquakes, like the one earlier this year in Lawrence County, will certainly reach outside the quarter mile radius. While I know the EPA has deemed this practice as 'safe', this is a very shortsighted conclusion. Subterranean waste disposal has too many unforeseeable longterm effects. This site, which has already been fracked three times, is too close to homes and schools. Please consider denying Penneco's application for a brine well disposal at this location.

Thank you,
Megan Spillar
5921 Graybrook Dr
Export, PA 15632

The state recently [completed a major expansion](#) of its seismic monitoring network, in an effort to keep a closer eye on earthquake activity. Last month the DEP linked [hydraulic fracturing operations with a small earthquake in Lawrence County](#).

Sent from [Outlook](#)

Bennett, James

From: jan milburn <janjackmil@gmail.com>
Sent: Wednesday, July 19, 2017 8:47 PM
To: Scavello, Grant
Subject: Permit No. PAS2D701BALL

Categories: Penneco - Hearing

Grant Scavello
U.S. Environmental Protection Agency
Region III Ground Water & Enforcement Branch (3WP22)
Water Protection Division
1650 Arch Street
Philadelphia, PA 19103

RE: Underground Injection Control permit to Penneco Environmental Solutions for disposal of fracking fluids, Permit No. PAS2D701BALL, in Plum Borough, PA
scavello.grant@epa.gov

A public hearing is needed to provide for more input into the injection well planned for Plum Borough. Furthermore, this proposal should be rejected.

According to USGS scientists, increased seismic activity is associated with wastewater disposal wells in states such as Oklahoma, Colorado, Arkansas, Ohio, and Texas.

Records from disparate corners of the United States show that wells drilled to bury this waste deep beneath the ground have repeatedly leaked, sending dangerous chemicals and waste gurgling to the surface or, on occasion, seeping into shallow aquifers that store a significant portion of the nation's drinking water.

Public waters must be protected and injection wells cannot be guaranteed to not contaminate aquifers.

Janice and Jack Milburn
114 Mountain Road
Ligonier, PA 15658
724 238 4968

Bennett, James

From: Patrice Tomcik <ptomcik@momscleanairforce.org>
Sent: Thursday, July 20, 2017 6:33 PM
To: Scavello, Grant
Subject: Permit number PAS2D701BALL

Dear Mr. Scavello,

I am writing to comment on the EPA plan to issue an Underground Injection Control permit to Penneco Environmental Solutions for disposal of fracking fluids, Permit number PAS2D701BALL in Plum Borough, PA.

There is a potential aquifer water pollution due to leaks and the history of earthquakes from this type of well disposal. My concerns are centered around the impacts that pollution can have on children's health. Children are very vulnerable to environmental pollutants because their bodies are still developing and because they have a longer period of time to live with pollution assaults that can develop into diseases.

For these reasons, the underground injection control permit PAS2D701BALL should be denied.

It would be very important to have a public hearing so the community can participate and voice their concerns.

Thank you,
Patrice Tomcik
211 Chesapeake Dr
Gibsonia, PA 15044

Patrice Tomcik

Western PA Field Organizer

Moms Clean Air Force

Cell: 412-999-2360

ptomcik@momscleanairforce.org

Momscleanairforce.org

Bennett, James

From: Steve Kilper <skilper@avalonholdings.com>
Sent: Monday, July 24, 2017 11:20 AM
To: Scavello, Grant
Subject: Pennsylvania Class II Injection Wells

Categories: High Importance, Penneco - Hearing

Is there a report or data on how much volume is disposed of per year in the PA Class II injection wells?

Thanks very much!

Stephen G. Kilper, PE
President
American Landfill Management, Inc.
American Construction Supply, Inc.
One American Way
Warren, Ohio 44484
Phone 330-856-8800
Fax 330-856-8483
Cell 330-618-0259
skilper@avalonholdings.com