

**Bennett, James**

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

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

**Bennett, James**

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**From:** Tyler Fleck <[tyler.c.fleck@gmail.com](mailto:tyler.c.fleck@gmail.com)>  
**Sent:** Tuesday, August 08, 2017 10:03 PM  
**To:** Bennett, James  
**Subject:** Plum Borough Wastewater Disposal Well

Dear Mr. Bennett,

My name is Tyler Fleck. I am a resident of Plum borough in western Pennsylvania. I am writing to express my opposition to the proposed fracking wastewater injection well that Penneco Environmental Solutions is seeking permits to operate.

It appears to me, through personal research, that the process of wastewater disposal in this manner is hazardous to the people living nearby. Included in these hazards are seismic activity, water contamination, and pollution during transport (Ehrenberg, 2012). Of serious concern to me is that seismic activity is most common during the process of wastewater disposal, not the actual fracking process (Cho, 2014). An additional concern are the contaminants often found in fracking wastewater, including radioactive materials and other poisonous ingredients. Water contamination and seismic activity are not possible just within my community, but also those nearby, and those even further from the well than originally thought (Seismological Society of America Study, from Cho, 2014, and Ehrenberg, 2012). This seismic activity is most concerning because of Pittsburgh's history of coal mining, especially in the Plum area, which may cause mines to collapse and create hazards to our residents (Tarr and Clay, 2015).

Beyond the negative consequences of the wastewater disposal in general, I also question Penneco's history of wastewater disposal. I need not remind you that the company has compliance issues and a long history of fines (over \$100,000) issued by the state. When considering a company for this work, I would rather see a company with a record of accomplishment, success, and environmental protection applying for permits like this from the EPA.

In conclusion, I do not intend to debate fracking or energy policy locally or as a nation. Rather, I ask whether I can tell my 7- year old daughter that everything will be fine if this company is issued permits to dispose of fracking wastewater. Based on the company's past performance and research regarding the disposal of this waste, I cannot say it will all be okay. I write to you in opposition to these permits being issued, and I ask that you consider the comments of Plum borough resident before making your decision.

If you would like to speak to me in person, please do not hesitate to speak with me by phone (412-616-9289) or via email ([tyler.c.fleck@gmail.com](mailto:tyler.c.fleck@gmail.com)). I would be happy to discuss further.

Thank you,

Tyler Fleck



**Bennett, James**

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**From:** Audrey Gomez <audreyfrompa@gmail.com>  
**Sent:** Thursday, July 20, 2017 7:14 AM  
**To:** Scavello, Grant  
**Subject:** Plum Borough water waste disposal

**Categories:** Penneco - Hearing

Good morning,

I am against the water waste disposal in Plum, PA and would like this project ceased.

Sincerely,

Audrey Gomez  
Plum Borough Resident

Sent from my iPhone

**Bennett, James**

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**From:** Leigh-Anne from Airheads Balloon Art <laweiss@airheadsballoonart.com>  
**Sent:** Wednesday, July 19, 2017 9:46 PM  
**To:** Scavello, Grant  
**Subject:** Plum Borough

**Importance:** High

**Categories:** Penneco - Hearing

To whom it may concern,

I am a resident and tax payer of Plum Borough who is concerned to hear that Penneco Environmental Solutions is applying for a oil and gas wastewater disposal well in my community. I feel strongly that there should be a public meeting to address citizens' concerns. Thank you!

Respectfully,

Leigh-Anne Weiss  
425 Vale Ave.

**Bennett, James**

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**From:** Bob Teorsky <teorsky7@comcast.net>  
**Sent:** Wednesday, August 09, 2017 2:26 PM  
**To:** Bennett, James  
**Cc:** Bob Teorsky  
**Subject:** Plum Injection Well Concerns

Mr. Bennett

I was in attendance at the July 26<sup>th</sup> meeting at the Plum Community Center. I wish you could of answered some of the questions that were being presented to your panel. It appears to me that there are many great concerns in this community of the EPA allowing billions of gallons of this hazardous waste to be dumped back into possibly some very unstable out of date, possibly out of spec wells in this community. I understand that most of your information on the test results were actually presented to you from the actual company that you approved this permit. Are there also other private agencies the EPA used to gather this information ?

I heard mention of dumping facilities in the area that actually will accept this contaminated brine and dispose of it in the proper manor. This is what I thought my EPA would want to be done with this contaminated material. Not just dumping it into a hole in the ground where the EPA, correct me if I am wrong, is really not certain of where this hazardous waste will actually end up.

I live not far from the location that your panel approved for Penneco Oil to use as a dumping site. There are many water wells that people depend on for drinking water in this immediate area. I am concerned what results may come if this project became a catastrophic failure. Also is there any government funds, I can apply for, such as the Indemnification Fund the DEP offers for Underground Storage Tanks, that my government offers for the potential disaster that could help me if my well water was to become contaminated or my foundation collapse underneath my home ? This injection well you are approving seems to me that it can create a much bigger disaster than a leaking 20,000 to 40,000 gallon gasoline or diesel fuel tank would cause. I am currently having my well tested and my foundation inspected so I have some sort of leg to fall back on if a disaster were to occur. An additional yearly home cost that your agency has brought onto my homes operating costs.

Last of my concerns was the testing for any seismic activity in this direct area. Over the past year or so when sitting in my home, where I spend many hours every day, I have notices tremors three individual times. I am not sure what caused these but I know what I felt under my feet on my hardwood floors. Was there anything ever documented on this happening in any of your reports ? It may be something you want to look at before this project advances any further. To make sure that there is not shifting already happening near this well. It was mentioned during the meeting that this type of activity increases the chance for small earthquakes.

Thank you for taking time to read my response, and I do appreciate the time your panel did take to show the concerns you have for our community. Also would you have any recommendations where I came turn to next help delay this project till it is certain to be safe ? I would appreciate any reply to my concerns

Regards

Bob Teorsky  
[Teorsky7@comcast.net](mailto:Teorsky7@comcast.net)



**Bennett, James**

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**From:** Elizabeth Klamut <eklamut@yahoo.com>  
**Sent:** Wednesday, August 02, 2017 3:56 PM  
**To:** Bennett, James  
**Subject:** Plum Injection Well

I am writing as a concerned nearby resident—Ohara Township—to let you know that an injection well in Plum could potentially cause harm to many people not to mention devalue the real estate of the entire Plum area. Why would you allow injection of waste in such a populous area? Also why would you risk contaminating the drinking water of the city of Pittsburgh as the city's Waterworks is nearly adjacent? I ask you not to make a decision out of convenience for Pennco, but instead think about the real (health) and implied (real estate devaluation) consequences of creating a potential environmental disaster under the feet of families. It's simply an unnecessary risk. PENNCO can find another place to dump their waste.

Elizabeth Klamut  
[eklamut@yahoo.com](mailto:eklamut@yahoo.com)  
480-216-1589

**Bennett, James**

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**From:** Stan Beck <stanbeck@aol.com>  
**Sent:** Thursday, July 20, 2017 5:00 PM  
**To:** Scavello, Grant  
**Subject:** Plum PA hearing

Please schedule a hearing on July 26, 2017, about the injection well in Plum, PA.

~ Stanley Beck  
Monroeville, PS

**Bennett, James**

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**From:** Cheryl Pinto <cherylann24@yahoo.com>  
**Sent:** Wednesday, July 26, 2017 6:19 AM  
**To:** Scavello, Grant  
**Subject:** please deny Penneco waste dumping permit 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. 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.*

*I am asking this for my grandchildren, who are most vulnerable and threatened by these toxins and chemicals. I am asking for myself and all Pennsylvania residents to keep our state green and water clean and to not become a waste dump. Please deny this permit request.*

*Cheryl Pinto  
Pittsburgh*

**Bennett, James**

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**From:** Sandra Folzer <sfolzer@verizon.net>  
**Sent:** Wednesday, July 19, 2017 4:23 PM  
**To:** Scavello, Grant  
**Subject:** Please have a hearing

**Categories:** Penneco - Hearing

Dear Mr. Scavello,

Please support the EPA and have a hearing regarding the permit for an injection well in Plum Borough, PA.

There is much research connecting earthquakes with injection well so having an injection well needs careful

consideration Please have a public hearing on Draft Class ID Permit PAS2D701BALL.

Thank you,

Sandra Folzer

546 Kingsley Rd.

Mansfield, PA 16933



**Bennett, James**

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**From:** MARTA GUTTENBERG <martaguttenberg@comcast.net>  
**Sent:** Wednesday, July 19, 2017 2:35 PM  
**To:** Scavello, Grant  
**Subject:** Please hold hearing re: class IID draft permit #PAS2D701BALL  
  
**Categories:** Penneco - Hearing

Dear Mr Scavello,

Please hold a public hearing on this ejection well proposed for Plum Burrough, PA.

Please notify me when scheduled.

Sincerely,

Marta Guttenberg, MD

**Bennett, James**

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**From:** Marilyn Backus <marilyncbackus@gmail.com>  
**Sent:** Tuesday, August 08, 2017 7:43 PM  
**To:** Bennett, James  
**Cc:** Helen Stamatakis; KATHERINE MILLER; slack2006 Slack; Linda Shear  
**Subject:** Pls Refuse Permit Request by Penneco Oil for old well off Old Leechburg Road

Dear Secretary Bennet,

Please **refuse the permit request made by Penneco Oil** for old well off Old Leechburg Road for the following reasons:

- 1. Increased Risk of Mine Subsidence and Lowered Property Values:** My mother's house is located one mile away from the old well site. The land around her house has been extensively underground-mined by Renton mineworks years ago. Mine **subsidence** is already an issue for the area and any added risk such suggested by reseach that injection under pressure could cause even a very small risk of earthquakes is TOO MUCH RISK. Moreover, the value of her property and the beautiful rural properties of our neighbors will also be NEGATIVELY affected.
- 2. Local Well Contamination:** My mother's well as well as my neighbors' wells and spring water, which are satisfactory NOW, MAY NOT BE after injection under pressure by the proposed permit. (Replacement by city water is expensive and not as desirable for people or animals since Alcosan city water is likely contaminated by lead at some level and is worse than water from the existing wells.
- 3. Contamination of Allegheny River Region:** One of my neighbors testified that he knows of shallow gas wells already leaking into the Allegheny River and that the pressure introduced into this old well could HEIGHTEN THE CHANCE of more pollutants entering into the Allegheny River System.

I tried to attend the Plum Boro Meeting to testify, but could not find a parking place.

Marilyn C. Backus  
925 Wood Street  
Pitcairn, PA 15140

## **Bennett, James**

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**From:** Xavier Von Erck <xavier@pjfi.org>  
**Sent:** Wednesday, August 02, 2017 3:02 PM  
**To:** Bennett, James  
**Subject:** Plum, PA injection well

Hello James C. Bennett Jr.,

I live in Penn Hills, PA, a neighboring township to Plum, PA. The decision by Plum council to allow an injection well in their township directly impacts every resident of Penn Hills. Both Plum and Penn Hills are communities built over old mines. Residents get mine subsidence insurance due to the issues regarding sinkholes and instability due to the old mines that these two towns are built on.

The application by PENNECO to operate an injection well in this area puts the entire area at risk of sinkholes and mine instability. By injecting these fluids, they will further erode the integrity of the ground that our two towns are built over.

This is a craven and greedy move by the council of Plum, PA to enrich themselves by putting both their own residents and those of neighboring townships at risk. PENNECO Oil Company has shown a complete disregard for this area by even attempting to inject over such unstable land.

I hope that you and the EPA does the right thing and rejects this application. There is plenty of solid land not built over mineshafts where an injection well could/would be reasonable. It is completely illogical to do it in the unstable ground that lies beneath the feet of Plum and Penn Hills residential communities.

Thanks,  
Xavier Von Erck  
Penn Hills resident

**Bennett, James**

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**From:** Mary C Cunningham <marykay.cunningham@gmail.com>  
**Sent:** Monday, July 24, 2017 11:52 AM  
**To:** Scavello, Grant  
**Subject:** Plum, PA wastewater injection well

**Categories:** Penneco - Hearing

Mr. Scavello,

I am writing to express my extreme displeasure regarding Penneco's application for a wastewater injection well on Old Leechburg Road. As a resident of Old Leechburg Road in Plum Borough since 2004, the possibility of this application getting approved is distressing. In addition to the myriad concerns relating to the environmental impact, I am fearful that the increased traffic will have a deleterious effect on the neighborhood. For more than a decade, our street was the direct route for the truck traffic to the Renton Mine in order to remove the bony material from the mine. In addition, there has been a fire beneath the mines for several decades and the Bureau of Abandoned Mine Reclamation has recently intervened to combat the fire. It is unclear at this time how much this project will impact those of us within the region.

Also, in discussing the Renton Mine, it must be remarked that this area has much mine subsidence. Therefore, the approval of this permit which would allow Penneco to pump up to 54,000 barrels of brine monthly into the well should be carefully evaluated in light of the ongoing ground movement in our region. Additionally, while I do not have well water, many of our neighbors in this area do and as such, this would be a major concern for water safety.

I plan on attending the public hearing on July 26th and I certainly hope that there will be additional hearings on this matter before action is taken. Thank you for this opportunity to voice my concerns.

Sincerely,  
Mary Kay Cunningham  
1659 Old Leechburg Road  
New Kensington, PA 15068

**Bennett, James**

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**From:** Charles Conway <Charles@CharlesConwayLaw.com>  
**Sent:** Wednesday, July 19, 2017 6:28 AM  
**To:** Scavello, Grant  
**Subject:** Plum, PA

**Categories:** Penneco - Hearing

Sir or Madam:

I live at 6162 Farm Rd, Export, PA 15632, (Municipality of Murrys ville), and object to the planned fracking "water" retention deposit planned for the Murrys ville Shale formation.

Please allow public comment 26 July '17, so that residents living directly above may appear and be heard. Due Process is important in Western PA.

Thank You.

Charles R. Conway  
724.433.6431

Sent from my iPhone

**Bennett, James**

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**From:** Anne Johnston <annepjohnston@yahoo.com>  
**Sent:** Sunday, August 06, 2017 9:36 PM  
**To:** Bennett, James  
**Subject:** Plum Boro/ Fracking/Well/Permit

Mr. Bennett,

I would like to go on record to opposing a permit for a well in Plum Boro . As a Plum Boro resident, I'm concerned about the potential health hazards and threats to the immediate and surrounding residential areas.

Thank-you for your time and support.

Anne Johnston

**Bennett, James**

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**From:** Walter Bowman <wbowmanpmp@comcast.net>  
**Sent:** Wednesday, July 26, 2017 11:05 AM  
**To:** Scavello, Grant  
**Subject:** Plum Boro Oil & Gas Wastewater Disposal.

**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. 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. I would suggest, instead, that the wastewater be transported and disposed of on the residential property of the executives of Penneco Environmental Solutions.*

*Walter O. Bowman PMP-8 (Ret)  
wbowmanpmp@comcast.net*

**Bennett, James**

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**From:** Alyson Holt <alysonsharp@yahoo.com>  
**Sent:** Wednesday, July 19, 2017 10:31 AM  
**To:** Scavello, Grant  
**Subject:** Public hearing essential for Penneco Underground Injection Control

**Categories:** Penneco - Hearing

Dear Mr. Scavello,

I am a resident of Murrysville, the municipality whose border is only 2/3 of a mile from the proposed Underground Injection Control well, set to be sited in Plum Boro. I strenuously object to the plans to put a brine injection well in and near areas so densely populated as Plum Boro, Holiday Park, Monroeville, and Murrysville. These are **suburbs** of Pittsburgh and will now be vulnerable to seismic activity that brine injection wells are now known to cause in areas like Oklahoma. It is utterly foolish to permit more brine injection wells in PA given the scientific consensus about their significant risks for structural damage.

It is imperative that EPA hold a public hearing on this proposal. All stakeholders, most importantly residents, need to have their voices heard by decision-makers.

Sincerely,  
Alyson Holt  
4830 Primrose Lane  
Murrysville, PA 15668



**Bennett, James**

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**From:** Angela <ang.hunter@gmail.com>  
**Sent:** Thursday, July 20, 2017 5:24 PM  
**To:** Scavello, Grant  
**Subject:** Public Hearing for injection well

Dear Mr. Scavello,

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.

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.

Sincerely,

Angela Hunter

Sent from my iPhone

**Bennett, James**

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**From:** Robert Parker <rparker173@verizon.net>  
**Sent:** Wednesday, July 19, 2017 3:32 PM  
**To:** Scavello, Grant  
**Subject:** Public Hearing in Plum

We need a public hearing in Plum on the 26th

**Bennett, James**

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**From:** Patrick Varine <pvarine@tribweb.com>  
**Sent:** Monday, July 24, 2017 11:33 AM  
**To:** Scavello, Grant  
**Subject:** Public hearing on Plum Borough well  
**Attachments:** image.jpg

**Categories:** Penneco - Hearing

Grant:

My name is Patrick Varine. I am just following up on something I heard about the EPA holding a 7/26 public hearing on Penneco's application for an injection well in Plum Borough.

If you can provide me with the time and location — and any other documents that might be helpful — I'd like to put something short up on our website about this, as it's of interest not just to Plum residents but those in neighboring Murrysville, which I cover.

Thanks very much for your time; I hope to hear from you.

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Patrick Varine  
Reporter, Murrysville Star

[cid:3583740789\_134792859]

Greensburg Office  
622 Cabin Hill Drive  
Greensburg, PA 15601  
724-850-2862  
724-672-0508 (mobile)  
Twitter: @MurrysvilleStar

**Bennett, James**

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**From:** Robert Brown <rbtrbrown@mac.com>  
**Sent:** Saturday, July 22, 2017 4:14 AM  
**To:** Scavello, Grant  
**Subject:** Public hearing request

Re: Draft Class IID Permit Number PAS2D701BALL

Dear Mr. Scavello,

I am writing to express my support of the EPA convening a hearing for the draft permit submitted by Penneco Environmental Solutions, LLC in Plum Borough, PA.

To hear that there is a push to place an injection well so close to the bedroom communities of Pittsburgh, PA is deeply disturbing. There should certainly be careful scrutiny and public input for a project that will have such an environmental impact on so many people.

Thank you,

Rob Brown

**Bennett, James**

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**From:** Cari Armstrong <cari.r.armstrong@gmail.com>  
**Sent:** Wednesday, July 19, 2017 4:14 PM  
**To:** Scavello, Grant  
**Subject:** Public Hearing Request-Plum Borough injection well

Dear Mr. Scavello,

Good afternoon, I hope that this message finds you well.

The reason I am writing to you today is to express my concern about the possible issuance of a permit to Penneco Environmental Solutions to dispose of hydraulic fracking fluids in Plum Borough (Permit No. PAS2D701BALL.)

I am a new resident to our commonwealth. My husband and I chose to live in the greater Pittsburgh area so that we could enjoy rural living while still having access to a vibrant city center. We originally desired to purchase a home in Washington County, but once we got out and saw the way fracking activities changed the landscapes and feel of the communities, we expanded our search.

We specifically chose to come into Upper Burrell Township due to the lack of fracking activity. While there are wheels in motion to put a well site into our township, I am much more deeply troubled by the potential for an injection well coming into neighboring Plum.

You are a scientist with the EPA so I will not patronize you with links to articles and studies on the correlation between injection wells and increased seismic activity, as well as increased incidents of ground water contamination. These issues are not abstract and are a very real concern for those of us who own homes and are choosing to raise our families in rural communities.

Please hold a hearing for this possible injection well site. I recognize that those of us opposed to hydraulic fracturing are swimming against the tide of popular opinion amongst our state legislators and federal agencies. Regardless of what popular opinion is, transparency throughout the entire process is crucial. It is imperative that those of us who live, work, and exist in these impacted communities have an avenue to express our concerns to those making decisions- and that our opinions are taken into consideration when those outside our communities are issuing permits as to what can be done. Again, I ask that you please hold a hearing for the injection well site in Plum Borough.

Thank you very much for your consideration on this matter.

Respectfully,  
Cari Armstrong

**Bennett, James**

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**From:** Jim Morrison <JMorrison@murrysvillegov.org>  
**Sent:** Monday, July 24, 2017 8:46 AM  
**To:** Scavello, Grant  
**Cc:** David Perry; Jamie Lee; Jeff Kepler; Joan Kearns; Joshua Lorenz; Loren Kase; Tony Spadaro  
**Subject:** Public Hearing  
**Categories:** High Importance, Penneco - Hearing

Mr. Scavello,

On July 20, 2017 I sent an email to you requesting a public hearing concerning Permit # PAS2D701BALL be scheduled for public comment by the residents and elected officials of the Municipality of Murrysville. I reiterate the Municipality's position below.

"The Municipality of Murrysville in Westmoreland County, Pennsylvania ("Murrysville") is a community of over 20,000 residents covering approximately 37 square miles. The proposed injection well permit request ("Permit Request") in neighboring Plum Borough, Allegheny County, Pennsylvania ("Plum") recently was brought to the attention of Murrysville Council at a public meeting. During the citizen comment portion of our July 19, 2017 meeting, concerns were raised regarding the impact that the proposed injection well may have on Murrysville's residents and property interests. Given the close proximity of the proposed injection well to Murrysville and the significant number of homes in Murrysville currently accessing well water, the Permit Request is of great interest to the Murrysville community. Accordingly, on behalf of its residents, Murrysville Council formally and timely requests a public hearing in order to learn more about the Permit Request and the proposed injection well."

Please acknowledge receipt of this request and advise if a hearing will be scheduled.

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

Confidential Information: This e-mail and any attachments may contain confidential and privileged information. Any dissemination or use of this information by a person other than the intended recipient is unauthorized and exempt from disclosure under applicable law. Additionally, the sender does not accept any responsibility for any loss, disruption or damage to your data or computer system that may occur while using data contained in, or transmitted with, this e-mail. If you have received this e-mail in error, please reply immediately to the sender and permanently delete this transmission, including any attachments.

**Bennett, James**

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**From:** Sylvia Bucci <rstamper53@comcast.net>  
**Sent:** Wednesday, August 09, 2017 3:36 PM  
**To:** Bennett, James  
**Subject:** Plum waste injection well

**Last month the EPA held a public hearing for comment on the installation of a Produced Fluid Injection Well, also known as a waste water injection well, in Plum Boro, PA. The purpose of an injection well is to dispose of fracking waste water. Once this water has been used for fracking it is no longer viable for human consumption. This well poses threats to all of us including the possibility of contaminating the water that runs into the Beaver Run Reservoir where we get our drinking water.**

Please DO NOT PERMIT THIS IS HAPPEN.

Sincerely,  
Sylvia Bucci

Sent from my iPhone  
~Sylvia

**Bennett, James**

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**From:** Bernard L. Rottschaefer <rottschaeferbl@gmail.com>  
**Sent:** Thursday, July 20, 2017 7:22 AM  
**To:** Scavello, Grant  
**Subject:** Plum Waste Water Injection Well

**Categories:** Penneco - Hearing

I live at 2010 Logans Ferry Road which is within striking distance of the proposed waste injection well on Old Leechburg Road if I am interpreting the subjective findings from the Ohio injection wells correctly. My house sits over THREE mines one of which is not even on the PA State maps of mine shaft locations. I am concerned about this injection well especially since the waste could easily follow the numerous abandoned mines possibly polluting many wells. The mines are Logans Ferry, Renton, Newfield, Kinlock, Harmar and Barking to name just a few that could be affected. Some even pass under the Allegheny which is a major drinking water source for many communities. I will make every attempt to attend a hearing if one is scheduled. Thank you.

Bernard L. Rottschaefer, M.D.



**Bennett, James**

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**From:** Kristen Rowe <kdhuth@gmail.com>  
**Sent:** Friday, July 28, 2017 8:01 AM  
**To:** Bennett, James  
**Subject:** Plum well opposition

To whom it may concern:

I oppose the proposed injection well in Plum.

Sincerely,  
Kristen Rowe  
160 Winchester Dr.  
Plum, Pa. 15239

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Kristen (Huth) Rowe, MLIS  
[kdhuth@gmail.com](mailto:kdhuth@gmail.com)  
724-713-7432

**Bennett, James**

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**From:** John Rubino <jrbeans2011@gmail.com>  
**Sent:** Friday, July 21, 2017 8:54 AM  
**To:** Scavello, Grant  
**Subject:** Proposed Injection waste well in Plum, PA

**Categories:** Penneco - Hearing

Hello Mr. Scavelli

I recently became aware of the plan to uncap a natural gas well to be used and is it an injection waste well in my community, plum PA. I am concerned about this proposed plan and hope that alternatives can be considered.

In our area, there are many abandoned mines that already have failed causing issues for homeowners. I fear that tracking and the establishment of this waste well, will only add to these issues for me and my neighbors.

I am aware that fracking has been linked to the cause of minor earthquake's that have caused damage in Ohio and Other states. With a majority of our area already sitting on top of abandoned mines, my fear is great that we will have significant and more numerous issues.

I appreciate your consideration of this request and out and open to any conversation you would like to have.

Thanks

John Rubino  
412-798-1471

**Bennett, James**

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**From:** Walter Bowman <wbowmanpmp@comcast.net>  
**Sent:** Thursday, August 03, 2017 1:45 PM  
**To:** Scavello, Grant  
**Subject:** Proposed Permit to Penneco to Dispose of Waste Water in Plum Borough

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 am extremely concerned about the potential for this underground disposal site to contaminate nearby groundwater and surface water, either through a failure of the wastewater to remain contained underground, or through spills, leaks, and accidents from the transport and on-site storage of millions of gallons of toxic wastewater. Gas drilling wastewater contains many hazardous contaminants including heavy metals, toxic chemicals, and radioactive compounds and is highly saline.

Underground injection wells have leaked or been connected with earthquakes in many locations including in Pennsylvania, Ohio, and Oklahoma. Plum Borough already has 40 operating, plugged, or abandoned gas wells, including 5 wells within 1,000 feet of the proposed disposal site. We do not need further risks to our water supplies!

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.

Please do your duty to protect the environment by not issuing the permit to Penneco.

Thank you.

*Walter O. Bowman PMP-8 (Ret)*  
*wbowmanpmp@comcast.net*

**Bennett, James**

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**From:** Rachael Fersch <rachaelfersch@yahoo.com>  
**Sent:** Thursday, August 03, 2017 3:07 PM  
**To:** Bennett, James  
**Subject:** proposed permit for an injection well

Dear Mr. Bennett,

I am a resident of Plum borough in Pittsburgh, Pennsylvania. I am writing to voice my opposition to Penneco Environmental Solutions' plan to dispose of fracking water and other fluids from oil and gas drilling operations at a site off Old Leechburg Road near the border with Murrysburg and Upper Burrell. We are a quiet suburb in Pittsburgh with many wonderful families trying to raise their children. This proposed site is too close to homes, schools and roads that are needed by our businesses. An injection well of this type does not fit with the future development of our community as we are attracting more and more people who want to live in Plum or create new businesses here. We also do not trust Penneco to properly maintain wells of this kind (they have had many violations in the past). The safety and beauty of our community and the value of our homes is, simply, not worth the risk. Our mayor is also opposed to Penneco's plan and we hope that the EPA will honor the will of the people and deny the permit.

Thank you for the work you do to protect the interests of the residents of Pennsylvania and I hope you will consider this request.

Sincerely,

Rachael Fersch-Podrat

89 Rustic Ridge Drive

Pittsburgh, PA 15239

**Bennett, James**

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**From:** Matt Kelso <mtkelso@gmail.com>  
**Sent:** Tuesday, July 18, 2017 11:36 AM  
**To:** Scavello, Grant  
**Subject:** Proposed SWD well at Sedat #3A in Plum, PA  
**Attachments:** EPA Plum Letter 07122017.docx

**Categories:** Penneco - Hearing

I have attached a file that I would like to include in the public comments for the proposed conversion Sedat #3A well to a salt water disposal well. In short, I do not think that the area is appropriate for any type of UIC well because the entire region is heavily populated, and is already unstable because of a century of coal mining and decades of underground fires, one of which remains active in the Renton Mine.

I hope that you hold the proposed meeting on July 26th, and I am trying to increase awareness of this proposed UIC well in advance of the meeting.

Thank you for your consideration,

Matt Kelso  
Plum, PA

**Bennett, James**

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**From:** reitw@verizon.net  
**Sent:** Friday, July 21, 2017 10:15 AM  
**To:** Scavello, Grant  
**Cc:** nshader@pa.gov  
**Subject:** Proposed waste injection site in Plum,PA

**Categories:** Penneco - Hearing

Dear Mr. Scavello,

I am writing out of deep concern and opposition to allowing a waste-water injection site in Plum, PA. Fundamentally, my opposition is based on concern for the survival of the people who live in this area, the preservation of our homes and health.

I live in the bordering community of Penn Hills, just a few miles from the proposed site on Leechburg Road, so my concern is not simply theoretical. You are no doubt aware that in this whole region, homes are built on top of abandoned coal mines. Therefore, you can imagine what the land is like underneath our homes - empty tunnels of abandoned coal seams. My home, is only 100' above an abandoned coal tunnel. Any disruption to the geology underpinning our homes could be disastrous for thousands of people in this heavily settled area. This area is not just open space; it's a community of people, homes, roads, stores, etc. All of this can not be put in jeopardy by injecting waste underground. Regardless of their assurances, disturbances underground could cause earth moving or earth quakes. Whatever you call them, they will have detrimental affects on us.

While the representative for Penneco Oil is looking at the spongy characteristics of the geology here as ideal for his project, We see the land beneath us as delicate geology that sustains our homes and our lives. By injecting 54,000 gallons a day

of chemical-laced waste liquid underneath us, this company would be putting the welfare of thousands of residents in daily and long-term jeopardy. This is not a right that a company should be given - to jeopardize the security of thousands of people - virtually destroying a community -for their own profit. If our houses crack with subsidence, there is no remedy for this. Mine subsidence insurance, which I carry, will not pay out for damage caused by other factors. Why should we have to flee our homes and communities because Penneco claims a right to use the land underneath us for their waste business. They have no right to this!

Ordinary citizens like me will not have the means to litigate with Penneco over the destruction of our homes. There are many retired people living in this area. I plan to retire in this community. As an older person, I can't spend my 70's and beyond in jeopardy of losing what I have worked for my whole life. We need the state to step up and protect the citizens who live here from this disastrous business proposal of Penneco.

Sincerely,

Wendy Reitenauer

Penn Hills Resident

7/21/17

**Bennett, James**

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**From:** elisabeck@aol.com  
**Sent:** Thursday, July 20, 2017 2:38 PM  
**To:** Scavello, Grant  
**Subject:** Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL: PUBLIC Hearing on Plum Injection Well requested

**Categories:** Penneco - Hearing

Dear Mr. Scavello,

As a resident of Monroeville, PA, and founder of Sustainable Monroeville, I am writing on behalf of our 150 members. We know that an injection well in Plum, PA, is not a move that will be in the best interest of the health and wellness of the citizens of our nearby neighbors in Plum, PA.

I am writing 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.

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

Elisa Beck, Founder  
Sustainable Monroeville  
[sustainablemonroeville.blogspot.com](http://sustainablemonroeville.blogspot.com)



**Bennett, James**

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**From:** Fred Bickerton <fjbjr48@yahoo.com>  
**Sent:** Thursday, July 20, 2017 12:49 AM  
**To:** Scavello, Grant  
**Subject:** Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

**Categories:** Penneco - Hearing

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.

Sent from [Mail](#) for Windows 10

**Bennett, James**

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**From:** zoo-xibbit Jayne <tiqvah1661@gmail.com>  
**Sent:** Wednesday, July 19, 2017 9:56 PM  
**To:** Scavello, Grant  
**Subject:** Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

**Categories:** Penneco - Hearing

Mr. Scavello,

I support the EPA convening a hearing on the draft permit for an injection well proposed by Penneco Environmental Solutions, LLC in Plum Borough, PA. Anyone who proposes an injection well in a watershed area has got to be mentally dysfunctional. The well documented fact that injection wells lubricate lithospheric fault lines should be another contraindication against granting this permit.

I do not live in Plum County but it looks like a very safe, clean, prosperous place; a great place to bring up Kids and a peaceful place of natural beauty away from the urban nightmare.

In these days of vanishing resources potable water is more precious than Gold and though some greed maddened individuals might consider this point arguable no conscientious steward of the resources of the Commonwealth of Pennsylvania could do so. 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. How much of that waste was potable water? Permitting an injection well anywhere is condoning the pollution of billions of gallons of Life-giving fluid that is then permanently removed from the hydrosphere impoverishing us all.

Please hold a public hearing on this issue.

Very Sincerely, C. Jayne

**Bennett, James**

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**From:** Jeffrey Shuben <jeffreysuben@yahoo.com>  
**Sent:** Wednesday, July 19, 2017 9:44 PM  
**To:** Scavello, Grant  
**Subject:** Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

**Categories:** Penneco - Hearing

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.

**Bennett, James**

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**From:** Yee, Carolyn@DTSC <Carolyn.Yee@dtsc.ca.gov>  
**Sent:** Wednesday, July 19, 2017 9:35 PM  
**To:** Scavello, Grant  
**Subject:** Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

**Importance:** High  
**Sensitivity:** Confidential

**Categories:** Penneco - Hearing

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.

Thank you.

Sincerely,

Carolyn Yee  
Tribal Liaison/Brownfields Outreach Coordinator  
Department of Toxic Substances Control  
Brownfields and Environmental Restoration Program (Cleanup)  
Sacramento Regional Office  
8800 Cal Center Drive, 3<sup>rd</sup> Floor  
Sacramento, California 95826  
(916) 255-3671  
FAX (916) 255-3697  
[cyee@dtsc.ca.gov](mailto:cyee@dtsc.ca.gov)

**Bennett, James**

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**From:** Danielle LeJeune <heinbadr@yahoo.com>  
**Sent:** Wednesday, July 19, 2017 9:23 PM  
**To:** Scavello, Grant  
**Subject:** Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

**Categories:** Penneco - Hearing

Dear Mr. Scavello,

I respect my community and hope that you do too. Please hold a public hearing in Plum regarding wastewater injection.

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.

Thank you,  
Danielle LeJeune

[Sent from Yahoo Mail on Android](#)

**Bennett, James**

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**From:** David/ Debby Stringham <stringham2000@yahoo.com>  
**Sent:** Wednesday, July 19, 2017 8:07 PM  
**To:** Scavello, Grant  
**Subject:** Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

**Categories:** Penneco - Hearing

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.

People who live and work in the area deserve a say about this issue!  
Thanks,  
Deb Stringham

**Bennett, James**

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**From:** Marian Szmyd <mcszmyd@comcast.net>  
**Sent:** Wednesday, July 19, 2017 7:33 PM  
**To:** Scavello, Grant  
**Subject:** Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

**Categories:** Penneco - Hearing

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.

I also remind you of this document issued by the USGS. Water contamination caused by an injection well in West Virginia. See:

<https://www.usgs.gov/news/evidence-unconventional-oil-and-gas-wastewater-found-surface-waters-near-underground-injection>

Please hold a public hearing on this issue.

Thank you,  
Marian Szmyd  
711 Cora St.  
Jeannette, PA 15644 (Penn Township)  
mcszmyd@comcast.net

**Bennett, James**

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**From:** Elizabeth Enright <eenright2@gmail.com>  
**Sent:** Wednesday, July 19, 2017 7:22 PM  
**To:** Scavello, Grant  
**Subject:** Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

**Categories:** Penneco - Hearing

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.

Elizabeth Enright  
Warminster, PA



**Bennett, James**

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**From:** Annette Keller <akeller@KeltekTool.com>  
**Sent:** Wednesday, July 19, 2017 5:52 PM  
**To:** Scavello, Grant  
**Subject:** Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

**Categories:** Penneco - Hearing

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.

Thank you.

Annette Keller

**Bennett, James**

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**From:** BrendaLee <mrs.sapience@gmail.com>  
**Sent:** Wednesday, July 19, 2017 4:39 PM  
**To:** Scavello, Grant  
**Subject:** Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

**Categories:** Penneco - Hearing

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.

**BrendaLee Lennick, YN1 USN, Ret.**  
**Tallahassee, FL 32301**

**Bennett, James**

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**From:** Judy Colick <judycolick@hotmail.com>  
**Sent:** Wednesday, August 09, 2017 12:45 PM  
**To:** Bennett, James; protectourchildrencoalition@gmail.com  
**Subject:** Re: Comment to Produced Fluid Disposal Well, Plum, PA PERMIT NUMBER PAS2D701BALL

Dear Mr. Bennett,

May I make another comment.

Although I represent an estate located in Plum, my actual residence is Washington Township. I have been told by the person who services my water well that my drinking water may come from as far as 60 miles away. The impact of the Plum well, either seismic or air/water quality, could affect me as well as those in Plum.

Based upon Apex's complaint that non-residents were attending public hearings for the Drakulic well site, I would like to know if there is a legal reason for their complaint. Because any well can cause impact outside of the community where it is located, shouldn't surrounding communities be informed about public hearings and be allowed input at those hearings?

Judith Colick  
282 Maiolie Road  
Export, PA 15632

724-468-6264

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**From:** Bennett, James <bennett.james@epa.gov>  
**Sent:** Wednesday, August 9, 2017 11:45 AM  
**To:** Judy Colick  
**Subject:** RE: Comment to Produced Fluid Disposal Well, Plum, PA PERMIT NUMBER PAS2D701BALL

Thank you for your comments. We will add your comments to the list. When the response to comments document and final decision is prepared, we will provide you with a copy.

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**From:** Judy Colick [mailto:judycolick@hotmail.com]  
**Sent:** Wednesday, August 09, 2017 9:38 AM  
**To:** Bennett, James <bennett.james@epa.gov>; protectourchildrencoalition@gmail.com  
**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.s

Please also note that last week the national news reported additional earthquakes occurring in Oklahoma which were directly attributed to waste water injection. I previously emailed your agency regarding an earthquake which occurred very near the home where I grew up near Poland, OH also attributed to a waster water injection well.

The fracking industry has created this artificial negative environmental impact. They have chosen the least expensive way to get rid of the waste water. No community in any county or state in this country should have to worry about their property values or their loss of clean water and air for themselves and their children in order to maximize fracking industry profits. Injection is not a viable solution to disposal of these toxic materials and should be banned. The industry can use their profits to develop environmentally safe methods.

Sincerely,

Judith Colick, Executor  
Estate of Bruce Craver  
671 Regency Drive  
Pittsburgh, PA 15239

724-468-6264

**Bennett, James**

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**From:** Mike <[mkitsko@comcast.net](mailto:mkitsko@comcast.net)>  
**Sent:** Monday, July 31, 2017 9:36 AM  
**To:** Bennett, James  
**Cc:** Mike Kitsko  
**Subject:** Re: Disapproval of Proposed Injection Well- Plum Borough

Mike Kitsko  
705 Glengarry Court  
Pittsburgh, Pa. 15239

Sent from my iPhone

On Jul 31, 2017, at 9:16 AM, Mike Kitsko <[mkitsko@comcast.net](mailto:mkitsko@comcast.net)> wrote:

Mr. James Bennett  
My wife and I are opposed to the Proposed Injection well in Plum Borough.  
Reasons:  
Safety of our children in the area.

Instability of the area because Plum Borough is heavily mined

More truck traffic in the area during school days on two lane roads along with air pollution and noise.

Chemical and radioactivity in the waste water that is being pumped into the wells

Contamination of the water table for people that still have wells.

Penneco's history of noncompliance, being cited, paying fines and then moving on to other projects

Drop in property value

Thanks  
Mike & Joanne Kitsko

Mike Kitsko  
Cell – 412.527.3310  
Fax – 412.744.4193  
[mkitsko@comcast.net](mailto:mkitsko@comcast.net)

**Bennett, James**

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**From:** Nicole Ruscitto <roman2402@yahoo.com>  
**Sent:** Thursday, July 20, 2017 9:37 AM  
**To:** Scavello, Grant  
**Subject:** Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

**Categories:** Penneco - Hearing

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. In a recent meeting with Mr. McDonell and Rob Ghormoz, I discussed my concerns with our water supply in Pennsylvania. What happens in our commonwealth directly affects other states. It's time to take accountability and do what is fair and right.

Other 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 and the continued pollution of our water table.

Please hold a public hearing on this issue.

Nicole Ruscitto

**Bennett, James**

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**From:** Matthew Mehalik <mmehalik.aqc@gmail.com>  
**Sent:** Wednesday, July 19, 2017 4:00 PM  
**To:** Scavello, Grant  
**Subject:** Re: 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.

Sincerely,

Matthew Mehalik, Ph.D.  
Executive Director  
Air Quality Collaborative  
Energy Innovation Center, Suite 140  
1435 Bedford Avenue  
Pittsburgh, PA 15219

412-514-5008  
[mmehalik.aqc@gmail.com](mailto:mmehalik.aqc@gmail.com)

## Bennett, James

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**From:** Paul-Helen Stamatakis <phstama88@verizon.net>  
**Sent:** Tuesday, August 08, 2017 9:57 PM  
**To:** 'linda shear'; 'Marilyn Backus'  
**Cc:** Bennett, James; 'KATHERINE MILLER'; 'slack2006 Slack'  
**Subject:** RE: Pls Refuse Permit Request by Penneco Oil for old well off Old Leechburg Road

Agreed - great letter. I think Pam would appreciate getting a copy of this if you don't mind me sending it to her.

Thanks for doing this. I will write an email also, but it will be copying yours a little.

Helen

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**From:** linda shear [mailto:lashear@comcast.net]  
**Sent:** Tuesday, August 8, 2017 9:14 PM  
**To:** Marilyn Backus <marilyncbackus@gmail.com>  
**Cc:** bennett.james@epa.gov; Helen Stamatakis <phstama88@verizon.net>; KATHERINE MILLER <ksmillerhome@verizon.net>; slack2006 Slack <slack2006@windstream.net>  
**Subject:** Re: Pls Refuse Permit Request by Penneco Oil for old well off Old Leechburg Road

good letter marilyn, thanks for sending

Sent from my iPad

On Aug 8, 2017, at 7:43 PM, Marilyn Backus <[marilyncbackus@gmail.com](mailto:marilyncbackus@gmail.com)> wrote:

Dear Secretary Bennet,

Please **refuse the permit request made by Penneco Oil** for old well off Old Leechburg Road for the following reasons:

1. **Increased Risk of Mine Subsidence and Lowered Property Values:** My mother's house is located one mile away from the old well site. The land around her house has been extensively underground-mined by Renton mineworks years ago. Mine **subsidence** is already an issue for the area and any added risk such suggested by reseach that injection under pressure could cause even a very small risk of earthquakes is TOO MUCH RISK. Moreover, the value of her property and the beautiful rural properties of our neighbors will also be NEGATIVELY affected.
2. **Local Well Contamination:** My mother's well as well as my neighbors' wells and spring water, which are satisfactory NOW, MAY NOT BE after injection under pressure by the proposed permit. (Replacement by city water is expensive and not as desirable for people or animals since Alcosan city water is likely contaminated by lead at some level and is worse than water from the existing wells.
3. **Contamination of Allegheny River Region:** One of my neighbors testified that he knows of shallow gas wells already leaking into the Allegheny River and that the pressure introduced into



this old well could HEIGHTEN THE CHANCE of more pollutants entering into the Allegheny River System.

I tried to attend the Plum Boro Meeting to testify, but could not find a parking place.

Marilyn C. Backus  
925 Wood Street  
Pitcairn, PA 15140

**Bennett, James**

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**From:** Scavello, Grant  
**Sent:** Wednesday, August 09, 2017 12:13 PM  
**To:** 'Douglas Shields'  
**Subject:** RE: Plum Borough PA; Penneco Environmental Solutions, LLC in Plum Borough, PA. DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

**Categories:** Penneco - Hearing

Mr. Shields,

Thank you for your comment. I have read through your comments and wanted to let you know that your comment has been logged to our record and that your specific concerns will be addressed in the response to comments document which you will receive a copy of and which is prepared after the close of the public comment period. I appreciate your participation in this public comment process, and wanted to remind you that the public comment period closes today should you wish to submit any additional comments beyond what you have submitted here and (if you spoke) at the hearing.

The public notice and accompanying documentation can be viewed via [this link](#) through the end of the day today.

Please reach out if you have any additional questions.

Grant

**Grant Scavello**

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

**From:** Douglas Shields [mailto:douglas.shields20@gmail.com]  
**Sent:** Thursday, July 20, 2017 3:46 PM  
**To:** Scavello, Grant <Scavello.Grant@epa.gov>  
**Subject:** Re: Plum Borough PA; Penneco Environmental Solutions, LLC in Plum Borough, PA. DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

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

**Re: Plum Borough PA; Penneco Environmental Solutions, LLC in Plum Borough, PA. DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL**

Dear Mr. Scavello:

I write to you in support of the EPA convening a hearing on the draft permit for an injection well made by 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.

Additionally, Plum Borough's zoning map does not indicate that industrial uses are appropriate in the area indicated on the permit application. The coordinates for the Injection Well are: Latitude 40° 31' 38.5" and Longitude -79° 42' 48.5". I also ask that you provide a street address or an address as close as possible to the proposed site.

Latitude 40° 31' 38.5" and Longitude -79° 42' 48.5" indicates to me that this is in a residential zone or otherwise not in an industrial use zone. Please correct me if I am wrong.

Here is the link to the map of zoning districts established in Plum. I am not aware of any provisions, state or federal, that would trump local land use/zoning ordinances. See: *Huntley & Huntley v. Borough of Oakmont PA* (2009). In this unanimous decision, the Pa. S.Ct. states that PA's Oil and Gas Act tell us *how* to drill. Pennsylvania's Municipal Planning Code tells us *where* to drill. I understand this isn't a drilling site. However, if it is not a legal use in the residential district then it cannot be sited at this location.

[http://www.plumboro.com/sites/plumpa/files/file/file/zoning\\_map\\_-\\_streets.pdf](http://www.plumboro.com/sites/plumpa/files/file/file/zoning_map_-_streets.pdf)

For the state reasons above, I request that the EPA convene a public hearing on this issue. It would also be appreciated if the EPA would so inform citizens and myself as to any risks associated with this activity. It is difficult for citizens to offer testimony on a matter such as this if our institutions of government do not inform us as to the dynamics involved in such a matter.

All the best!

***Doug Shields***

**2329 Tilbury Avenue  
Pittsburgh, PA 15217**

**Cell: 412 969 5816**

**douglas.shields20@gmail.com**

**Bennett, James**

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**From:** Scavello, Grant  
**Sent:** Friday, August 04, 2017 10:42 AM  
**To:** 'Will.brenner'  
**Subject:** RE: Plum Borough

**Categories:** Penneco - Hearing

Mr. Brenner,

I apologize for the delayed response. We have had a large response from the public regarding this permit and I am making sure to get back to everyone who has a specific question regarding the permit. I may wanted to let you know that the full physical permit application is available for public review at the Plum Community Library (<http://plumlibrary.org/>), and the EPA public notice and supporting documentation can be viewed online via this link: <https://www.epa.gov/uic/draft-permit-penneco-llc-pas2d701ball>

The physical lat/long location is:  
40 31 38.5, -79 42 48.5

If you have any further questions please send them my way and I will ensure they are answered. The public comment period will remain open until August 9th, and I made record of your comment below. If you would like to submit additional comment(s), please do so by August 9th.

Grant

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

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

From: Will.brenner [mailto:[will.brenner@yahoo.com](mailto:will.brenner@yahoo.com)]  
Sent: Wednesday, July 19, 2017 10:55 PM  
To: Scavello, Grant <[Scavello.Grant@epa.gov](mailto:Scavello.Grant@epa.gov)>  
Subject: Plum Borough

Hello,

Saw a story on Facebook regarding placing an oil and gas wastewater disposal well in Plum Borough. The post indicated that those displeased should write to you. Regardless of the exact location within Plum, I find this displeasing, hence my email. What is the exact location being proposed?

Thank you

## Bennett, James

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**From:** Davis, Ginny  
**Sent:** Tuesday, July 25, 2017 2:40 PM  
**To:** Scavello, Grant  
**Subject:** RE: query re EPA hearing on injection well in Plum Township, PA

**Categories:** Penneco - Hearing

Hi Grant,

Thanks for sharing this hearing info with me.

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](mailto:davis.ginny@epa.gov)  
Phone: 215-814-2149  
Fax: 215-814-5104

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**From:** Scavello, Grant  
**Sent:** Tuesday, July 25, 2017 2:11 PM  
**To:** Davis, Ginny <[Davis.Ginny@epa.gov](mailto:Davis.Ginny@epa.gov)>; Ides, Nan <[Ides.Nan@epa.gov](mailto:Ides.Nan@epa.gov)>; Reinhart, Roger <[Reinhart.Roger@epa.gov](mailto:Reinhart.Roger@epa.gov)>  
**Cc:** Bennett, James <[bennett.james@epa.gov](mailto: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

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**From:** Ides, Nan  
**Sent:** Tuesday, July 25, 2017 12:48 PM  
**To:** Scavello, Grant <[Scavello.Grant@epa.gov](mailto:Scavello.Grant@epa.gov)>; Reinhart, Roger <[Reinhart.Roger@epa.gov](mailto:Reinhart.Roger@epa.gov)>  
**Cc:** Bennett, James <[bennett.james@epa.gov](mailto: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

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**From:** Davis, Ginny  
**Sent:** Tuesday, July 25, 2017 11:50 AM  
**To:** Ides, Nan <[Ides.Nan@epa.gov](mailto:Ides.Nan@epa.gov)>  
**Cc:** schafer, joan <[schafer.joan@epa.gov](mailto: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](mailto:davis.ginny@epa.gov)  
Phone: 215-814-2149  
Fax: 215-814-5104

## Bennett, James

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**From:** Judith Mancini <mancinijs@gmail.com>  
**Sent:** Wednesday, August 09, 2017 12:57 PM  
**To:** Bennett, James  
**Subject:** Re: RE; PENNECO Request

Mr. Bennett

Given the very recent explosion in Oklahoma associated with a well like the one PENNECO wants use in Leechburg, I am against PENNECO using any old wells in PA for their residual dumping. They surely qualify as health risks to our citizens. J. Mancini

is near me and I don't want that kind of contamination. J. Mancini

On Mon, Aug 7, 2017 at 10:41 PM, Bennett, James <[bennett.james@epa.gov](mailto:bennett.james@epa.gov)> wrote:

Thank you for your comments. We will add your comments to the list. When the response to comments document and final decision is prepared, we will provide you with a copy.

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**From:** Judith Mancini <[mancinijs@gmail.com](mailto:mancinijs@gmail.com)>  
**Sent:** Wednesday, August 2, 2017 3:52:52 PM  
**To:** Bennett, James  
**Subject:** RE; PENNECO Request

Mr. Bennett

I am opposed to PENNECO'S request to use an old gas well on Old Leechburg Rd. as an injection well. Our environment does not need more pollution and neither do local residents. I appreciate your entertaining my concerns.

Judith Mancini  
115 Marlboro Rd.  
Pittsburgh, PA 15238

**Bennett, James**

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**From:** Bennett, James  
**Sent:** Tuesday, August 08, 2017 12:17 PM  
**To:** 'Gillian Graber'  
**Subject:** RE: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL  
**Attachments:** Clarifications Additions needed for Sedat #3A Permit.msg; RE: Clarifications/Additions needed for Sedat #3A Permit; NODFinalSigned7.7.2016.pdf

Gillian

Attached are the NOD document and second NOD email.

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**From:** Gillian Graber [mailto:gilliangrabergmail.com]  
**Sent:** Saturday, August 05, 2017 8:12 AM  
**To:** Bennett, James <bennett.james@epa.gov>  
**Subject:** DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

Dear Mr. Bennett,

I went through all the files provided at the library and there are some missing sections from the binders and are also missing from the table of contents. There are two EPA deficiency notices. These are not found in the binders and are not referenced on the table of contents.

In the Basis document, EPA *\*includes\** the deficiency notices in what it calls "the application". So, their statement that they have made "the application" available to the public appears not to be correct.

Can you please provide me with a copy of those letters?

Sincere Regards,

Gillian Graber



**Bennett, James**

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**From:** linda shear <lashear@comcast.net>  
**Sent:** Tuesday, August 08, 2017 9:14 PM  
**To:** Marilyn Backus  
**Cc:** Bennett, James; Helen Stamatakis; KATHERINE MILLER; slack2006 Slack  
**Subject:** Re: Pls Refuse Permit Request by Penneco Oil for old well off Old Leechburg Road

good letter marilyn, thanks for sending

Sent from my iPad

On Aug 8, 2017, at 7:43 PM, Marilyn Backus <[marilyncbackus@gmail.com](mailto:marilyncbackus@gmail.com)> wrote:

Dear Secretary Bennet,

Please **refuse the permit request made by Penneco Oil** for old well off Old Leechburg Road for the following reasons:

1. **Increased Risk of Mine Subsidence and Lowered Property Values:** My mother's house is located one mile away from the old well site. The land around her house has been extensively underground-mined by Renton mineworks years ago. Mine **subsidence** is already an issue for the area and any added risk such suggested by reseach that injection under pressure could cause even a very small risk of earthquakes is TOO MUCH RISK. Moreover, the value of her property and the beautiful rural properties of our neighbors will also be NEGATIVELY affected.
2. **Local Well Contamination:** My mother's well as well as my neighbors' wells and spring water, which are satisfactory NOW, MAY NOT BE after injection under pressure by the proposed permit. (Replacement by city water is expensive and not as desirable for people or animals since Alcosan city water is likely contaminated by lead at some level and is worse than water from the existing wells.
3. **Contamination of Allegheny River Region:** One of my neighbors testified that he knows of shallow gas wells already leaking into the Allegheny River and that the pressure introduced into this old well could HEIGHTEN THE CHANCE of more pollutants entering into the Allegheny River System.

I tried to attend the Plum Boro Meeting to testify, but could not find a parking place.

Marilyn C. Backus  
925 Wood Street  
Pitcairn, PA 15140

**Bennett, James**

---

**From:** LAURA LEETE <lauraleete@comcast.net>  
**Sent:** Wednesday, July 19, 2017 4:37 PM  
**To:** Scavello, Grant  
**Subject:** Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

**Categories:** Penneco - Hearing

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.

**Bennett, James**

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**From:** Judy Colick <judycolick@hotmail.com>  
**Sent:** Thursday, July 20, 2017 9:17 AM  
**To:** Scavello, Grant; protectourchildrencoalition@gmail.com  
**Subject:** Re: DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

**Categories:** Penneco - Hearing

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.

I have personal experience with the issue of earthquakes caused by an injection well near Poland, OH. An earthquake occurred within an eighth of a mile from a location where I grew up. For the 60+ years of my life and for several generations before me there had never been a single occurrence of an earthquake in that area until the injection well was installed.

There has to be another way for to protect our children and our property from devastation that cannot be corrected.

Judith Colick, Executor  
Estate of Bruce Craver  
671 Regency Drive  
Pittsburgh, PA 15239

724-468-6264

**Bennett, James**

---

**From:** Judy Evans <jce1@windstream.net>  
**Sent:** Wednesday, July 26, 2017 4:45 PM  
**To:** Scavello, Grant  
**Subject:** Re: Draft Permit: Penneco, LLC PAS2D701BALL

**Categories:** High Importance, Penneco - Hearing

Mr. Scavello,

Thank you for your response and for having the hearing. I am unable to attend tonight's hearing but would have the following question if I were there: How far does the contamination extend from the well site? Is there a map of the MurrysVille sand area? If one drips water into a "sponge" as this has been described, eventually the entire sponge will be full of water, wouldn't it? Therefore any homes above this sand formation would have contaminate beneath it.

Judy Evans

On Jul 26, 2017, at 4:19 PM, Scavello, Grant <[Scavello.Grant@epa.gov](mailto:Scavello.Grant@epa.gov)> wrote:

Ms Evans,

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> Many of your questions are addressed in the permit application and others will be included in the public hearing. I'd encourage you to attend if possible.

Please feel free to contact me if you have any further questions prior to the hearing or to clarify anything that isn't addressed.

Grant

**Grant Scavello**

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

---

**From:** Judy Evans [<mailto:jce1@windstream.net>]  
**Sent:** Thursday, July 20, 2017 9:36 AM

To: Scavello, Grant <[Scavello.Grant@epa.gov](mailto:Scavello.Grant@epa.gov)>  
Subject: Draft Permit: Penneco, LLC PAS2D701BALL

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**

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**From:** Ides, Nan  
**Sent:** Wednesday, July 19, 2017 5:22 PM  
**To:** Bennett, James  
**Cc:** Scavello, Grant; Davis, Ginny  
**Subject:** RE: PA injection well concern

**Categories:** Penneco - Hearing

Ok - Thanks  
Will do if any come thru the RAV system.

Thanks  
Nan

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

From: Bennett, James  
Sent: Wednesday, July 19, 2017 5:16 PM  
To: Ides, Nan <Ides.Nan@epa.gov>  
Cc: Scavello, Grant <Scavello.Grant@epa.gov>  
Subject: Re: PA injection well concern

Nan  
These complaints are referencing proposed permits we have advertised. I would forward them to us and we will add to our record. For the rav system can you just close them out and say comments are being added to the administrative record for the draft permit. We will be addressing all comments in one document.

Grant  
Add this one to the list

Sent from my iPhone

> On Jul 19, 2017, at 5:06 PM, Ides, Nan <Ides.Nan@epa.gov> wrote:  
>  
> Jim:  
> No sure how you can answer this.  
> Do you have a standard response for complaints such as this one that can be personalized?  
> Nan  
>  
>  
> -----Original Message-----  
> From: Davis, Ginny  
> Sent: Wednesday, July 19, 2017 4:11 PM  
> To: Ides, Nan <Ides.Nan@epa.gov>  
> Subject: FW: PA injection well concern  
>  
>  
> Nan,

>  
> We've received another injection well email. See below.  
>  
> 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: drupal\_admin@epa.gov [mailto:drupal\_admin@epa.gov]  
> Sent: Wednesday, July 19, 2017 4:04 PM  
> To: Davis, Ginny <Davis.Ginny@epa.gov>  
> Subject: Form submission from: About EPA Contact EPA's Region 3 Office form  
>  
> Submitted on 07/19/2017 4:04PM  
> Submitted values are:  
>  
> Name (Optional): Penny Morse  
> Organization (Optional):  
> E-Mail or Mailing Address (Optional): pennysmorse@yahoo.com Phone (Optional):  
> Comments:  
> I'm very concerned about the proposed injection well for Plum, PA. The  
> toxic wastes that will be dumped into the ejection well propose a real threat to the health of us citizens who live in this  
area.  
> I'm asking you to stop polluting the earth that we depend on for our very  
> existence. These hazardous substances will affect our ground water and our  
> soil and end up with more citizens with illnesses.  
>

**Bennett, James**

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**From:** Judith Mancini <mancinijs@gmail.com>  
**Sent:** Wednesday, August 02, 2017 3:53 PM  
**To:** Bennett, James  
**Subject:** RE; PENNECO Request

Mr. Bennett

I am opposed to PENNECO'S request to use an old gas well on Old Leechburg Rd. as an injection well. Our environment does not need more pollution and neither do local residents. I appreciate your entertaining my concerns.

Judith Mancini  
115 Marlboro Rd.  
Pittsburgh, PA 15238



## Bennett, James

---

**From:** Gillian Graber <gilliangraber@gmail.com>  
**Sent:** Friday, July 28, 2017 4:41 PM  
**To:** Bennett, James  
**Subject:** Re: Penneco Sedat 3A Application

Mr. Bennett,

Thank you for your quick reply. I apologize if my information was wrong. I will go to the library myself and look. Have a good weekend.

Sincere Regards,

Gillian

On Jul 28, 2017, at 4:09 PM, Bennett, James <[bennett.james@epa.gov](mailto:bennett.james@epa.gov)> wrote:

Gillian

I am off today. However, the whole application is at the library, I can send copy of green card that library accepted it.

Sent from my iPhone

On Jul 28, 2017, at 4:00 PM, Gillian Graber <[gilliangraber@gmail.com](mailto:gilliangraber@gmail.com)> wrote:

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](mailto: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

<Sedat3A\_library\_file.pdf>

**Bennett, James**

---

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

**Categories:** Penneco - Hearing

## **Applicant or Respondent**

Penneco Environmental Solutions, LLC  
6608 Route 22  
Delmont, PA 15626-2408

**Permit #:** PAS2D701BALL

---

**From:** Brenner, Raymond  
**Sent:** Tuesday, July 25, 2017 11:58 AM  
**To:** 'scavello.grant@epa.gov'  
**Subject:** Permit application

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](mailto:RAYMONDBRENNER@COMCAST.NET)

## **Bennett, James**

---

**From:** Scavello, Grant  
**Sent:** Tuesday, August 01, 2017 4:58 PM  
**To:** 'Brenner, Raymond'  
**Subject:** RE: Permit application

**Categories:** Penneco - Hearing

Mr. Brenner,

The full application is available for review at the Plum Borough Community Library located at 445 Center-New Texas Road, Plum Borough, PA 15239. If you are unable to access that location, please let me know.

The public comment period has been extended until August 9<sup>th</sup>, and public comments will be accepted until that time.

If you need any further information related to this permit please contact our offices.

Grant

### **Grant Scavello**

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

---

**From:** Brenner, Raymond [mailto:Raymond.Brenner@ATImetals.com]  
**Sent:** Tuesday, July 25, 2017 11:58 AM  
**To:** Scavello, Grant <Scavello.Grant@epa.gov>  
**Subject:** RE: Permit application

## **Applicant or Respondent**

Penneco Environmental Solutions, LLC  
6608 Route 22  
Delmont, PA 15626-2408

**Permit #:** PAS2D701BALL

---

**From:** Brenner, Raymond  
**Sent:** Tuesday, July 25, 2017 11:58 AM

**To:** 'scavello.grant@epa.gov'

**Subject:** Permit application

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](mailto:RAYMONDBRENNER@COMCAST.NET)**

## **Bennett, James**

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**From:** Sam Bernhardt <sbernhardt@fwwatch.org>  
**Sent:** Thursday, July 20, 2017 4:09 PM  
**To:** Scavello, Grant  
**Subject:** Request for Public Hearing for Penneco UIC

**Categories:** Penneco - Hearing

ATTN: Grant Scavello  
U.S. Environmental Protection Agency  
Region III Ground Water & Enforcement Branch (3WP22)  
1650 Arch Street.  
Philadelphia, Pennsylvania 19103  
Email: [scavello.grant@epa.gov](mailto:scavello.grant@epa.gov)

July 20, 2017

In re: Request for Public Hearing for Penneco Environmental Solutions, LLC request for permit for Underground Injection Control (Permit No. PAS2D701BALL)

Dear Mr. Scavello:

On behalf of Food & Water Watch (FWW), our 38,691 Pennsylvania supporters including 7,491 Allegheny County residents, I am writing to request that the Environmental Protection Agency hold a public hearing for Penneco Environmental Solutions, LLC's (Penneco), Underground Injection Control (UIC) Class II-D permit application (Permit No. PAS2D701BALL) for Plum Borough, Allegheny County, Pennsylvania.

The proposed underground injection well for wastewater from hydraulic fracturing natural gas drilling operations is of significant concern to the local community, Western Pennsylvania and the entire Commonwealth. The proposed UIC well would be perhaps the first fracking associated infrastructure in Allegheny County, heightening the level of interest in the proposed UIC well.

The non-profit advocacy organization FWW has worked for years with communities and elected officials across southwestern Pennsylvania to provide technical support in drafting and passing municipal ordinances to protect residents from hydraulic fracturing (fracking) and associated infrastructure. We are currently providing consultation to municipal elected officials and community leaders in several communities adjacent to or in the vicinity of Plum Borough, including Monroeville, Oakmont, Trafford, Millvale, Shaler and Ross Township. FWW has worked with Oakmont Borough to pass an ordinance regulating seismic testing and is working with several other municipalities to draft zoning ordinances on oil and gas extraction.

The disposal of wastewater into injection wells has a scientifically-proven link to human-caused earthquakes. These injection wells also threaten groundwater resources, putting people's health, safety and water quality at risk. Moreover, drilling a UIC well for the disposal of fracking wastewater would likely increase heavy truck traffic in Plum Borough – a problem that has been well-documented across Pennsylvania as a result of the fracking boom.

Fracking and its associated activities (like the disposal of wastewater) cause many public health and environmental problems that are of significant public concern. FWW and its supporters believe the local community deserves an opportunity to have their voices heard at a public hearing.

Thank you for your consideration,

Sam Bernhardt  
Senior Pennsylvania Organizer  
Food & Water Watch  
2674281903

**Bennett, James**

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**From:** Bethany Brodie <bethany.brodie@gmail.com>  
**Sent:** Wednesday, July 19, 2017 9:45 AM  
**To:** Scavello, Grant  
**Subject:** Request for Public Hearing re: Penneco Injection Well- Plum Borough, PA

**Categories:** Penneco - Hearing

ATTN: 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 old natural gas well into an injection well in Plum Borough, PA.

As a resident of Oakmont, PA, a neighboring community of Plum, I would like to request a public hearing and intend to raise the following issues:

First, the public has a right to knowledge about the injection well. I do not feel the community has been given enough information to support or oppose this project. Information needs to be more available and explained in a way that is easily understood by the residents that it will impact. I intend to ask for a detailed explanation of how this project will be constructed as well as how its utilization will impact the environment.

Second, injection wells are federally regulated. I would like the hearing to address who will regulate the well and what the regulations impose. Someone must be responsible for monitoring the project and be held accountable for the results on the environment.

Third, as the well has been used in the past for natural gas, what steps have been taken to ensure it is safe to use as an injection well? Has it been inspected? What were the outcomes? Does it need to be repaired? Have the proper steps been taken to ensure there will not be leaks into the community water?

My family and I are proud to live in this community and often adventure outdoors. How will the natural habitat be protected? If the toxic waste being deposited into the wells leaks into the environment, how will the residents be protected?

Finally, how does Plum Burrough benefit from this project? It appears to only pose a risk, thus I would like the benefits to be explained in detail.

My greatest concern is for the safety of my family and the environment we live in. I need to know these are the priorities of the EPA as well. Please hold a public hearing so that our concerns can be voiced and HEARD by those who have an inherent responsibility to protect the people.

Thank you for your time,  
Bethany Lyon



Sincere regards,

**Bennett, James**

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**From:** Scavello, Grant  
**Sent:** Wednesday, August 16, 2017 2:30 PM  
**To:** 'Brenner, Raymond'  
**Subject:** RE: Permit application

**Categories:** Penneco - Hearing

Mr. Brenner,

Thank you for your comment. It has been recorded along with all mailed comments and public comments from the hearing. You will receive a copy of the response to comments once they are finalized.

As indicated in the public notice, this full application was and is still available for review at the Plum Community Library, and at our Philadelphia Regional EPA office. The file is too large to email or send electronically. If you would still like a copy of the complete application, please visit either of the locations mentioned, or if you send me an email or call and leave me your address I will investigate mailing you an electronic copy via CD or other means.

I appreciate your participation in this public process. If you have any other questions or needs please reach out.

Grant

**Grant Scavello**

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

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

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](mailto:RAYMONDBRENNER@COMCAST.NET)

**Bennett, James**

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**From:** eve@evegoodman.com  
**Sent:** Wednesday, July 19, 2017 5:35 PM  
**To:** Scavello, Grant  
**Subject:** [SPAM] DRAFT CLASS IID PERMIT NUMBER PAS2D701BALL

**Importance:** High

**Categories:** Penneco - Hearing

Dear Mr. Scavello,

I just heard news that the EPA is considering issuing a permit for an underground injection well in Plum Borough, PA (for Penneco Environmental Solutions, LLC). I live in Pittsburgh just a 20 to 30 minute drive from Plum Borough and I could not be more dismayed or concerned about this plan. I urge you to hold a public hearing on July 26 so other concerned citizens can voice their opposition to this proposal.

I value clean air and drinking water and know the tens of thousands of gallons of liquid toxic waste these wells produce. The increased toxins these wells are producing and the lack of foresight by corporations of just where these waste waters will go is destined to create a public health catastrophe from which our society may never recover.

Please hold a public hearing on this issue.

Sincerely,  
Eve Goodman  
2250 Mary Street, #206  
Pittsburgh, PA 15203

**Bennett, James**

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**From:** Shane Smith <shanesmithrealestate@gmail.com>  
**Sent:** Wednesday, July 19, 2017 10:02 PM  
**To:** Scavello, Grant  
**Cc:** Amy R Smith  
**Subject:** [SPAM] Gas wastewater disposal well-not for it  
  
**Categories:** Penneco - Hearing

As a resident of the more rural area of Plum, I am strongly opposed to having this happen where my family and I reside. It concerns me mostly due to the fact that our home is run on well water, in which we use, shower, and fill our family pool with. I'm hoping this is reconsidered by the parties involved and that the community and safety of local families are viewed as the more important issue here, rather than filling the ground around us with this junk.

**Bennett, James**

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**From:** Alexandra Illes <ailles22887@gmail.com>  
**Sent:** Tuesday, August 01, 2017 1:24 PM  
**To:** Bennett, James  
**Subject:** REJECT Injection Well In Plum Boro, 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 our children and grandchildren sick. We simply cannot allow this to happen. The damage would be irreversible.

Sincerely,

Alexandra Illes

PROACTIVE Pittsburgh Women

**Bennett, James**

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**From:** Michelle Stepnick <m.stepnick@yahoo.com>  
**Sent:** Wednesday, July 26, 2017 11:30 AM  
**To:** Scavello, Grant  
**Subject:** Plum Borough

**Categories:** Penneco - Hearing

Dear Grant

Thank you for taking the time to read this email. I regret that due to family health issues I can not be there this evening. I am extremely upset by this proposal. I am a School Director for Plum Borough. I was on the board during the last round of land purchases from Huntley and Huntley. During our discussions and presentations with them I specifically addressed my concern for their practice of these well pads and well as their lack of accountability to recycle the water they are using from site to site. During this meeting I was assured that we would not see a well pad here in Plum Borough but that they felt their practice is a safe one. To this day I do not believe it and voted against their contract at the time.

I am asking that the EPA refuse this permit request. Plum Borough sits on a variety of coal mines. In addition, we have many well water homes. If their land was to be contaminated it would be deadly to our residents. I also have concerns with the long term affects this will have on our community. I have a big problem with a company giving a public presentation and giving their word on something and then changing their plans 2 years later. Their practice of taking water from site to site that is not recycled is dangerous enough. We do not need any further risks within our community. Again, thank you for your time. I would be happy to answer of questions you may have regarding the issues I have addressed in my letter.

Michelle Stepnick  
Plum Borough School Director  
Citizen of Plum Borough

**Bennett, James**

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**From:** Leslie Robbins <red.robbins@yahoo.com>  
**Sent:** Wednesday, August 09, 2017 5:51 PM  
**To:** Bennett, James  
**Cc:** Brian Robbins  
**Subject:** Stop injection gas well in Plum, PA

Dear Mr. Bennett,

I am a Plum, PA resident who lives near the proposed injection gas well on Old Leechburg Rd. I am against allowing PENNECO using the old gas well to inject fluids from drilling. As you know there are many hazards from injecting toxic fluids deep into the ground. It can contaminate local wells and streams and in extreme cases has been linked to localized earthquakes. I am asking you to stop this well from being used by PENNECO.

Sincerely,

Leslie Robbins  
706 Rosewood Dr  
Plum, PA 15237

Sent from my iPhone

**Bennett, James**

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**From:** Albers, Kathryn <kaa2@pitt.edu>  
**Sent:** Tuesday, July 25, 2017 2:10 PM  
**To:** Scavello, Grant  
**Subject:** stop wastewater disposal in Plum Borough, PA

**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,  
Kathryn Albers*



**Bennett, James**

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**From:** Doug Shields <dshields@fwwatch.org>  
**Sent:** Thursday, July 27, 2017 10:20 AM  
**To:** Scavello, Grant  
**Subject:** Submission of Testimony; Draft Permit: Penneco, LLC PAS2D701BALL  
**Attachments:** 2017 07 26 PDF F&WW Comments EPA on Plum Injection Well.pdf  
  
**Categories:** Penneco - Hearing

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

Dear Mr. Scavello:

Attached, please find a PDF file of my testimony provided at last night's EPA Public Hearing regarding the pending permit for an injection well in Plum Borough, PA. Thank you for your attention to this matter.

Please acknowledge receipt. Thank you in advance for your anticipated cooperation.

All the best!

*Doug Shields*

**Douglas A. Shields**  
**W. Pennsylvania Outreach Liaison**  
[dshields@fwwatch.org](mailto:dshields@fwwatch.org)

**P.O. Box 8159**  
**Pittsburgh, PA 15217**

**Office: 1 267 428 1917**  
**Cell: 1 412 969 5816**

**Bennett, James**

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**From:** Dennis Skeers <skeers@gmail.com>  
**Sent:** Thursday, July 20, 2017 11:42 AM  
**To:** Scavello, Grant  
**Subject:** UIC Class II Permit PAS2D701BALL -- Request for Hearing

Dear Mr. Scavello,

This is to request that the EPA hold a public hearing for the subject draft permit for a Class II UIC well in Plum Borough, PA. I live near the proposed site, in the adjoining municipality of Murrysville, and regularly use the local roads near the Sedat #3A well.

Given the potential significance of this issue for the health and safety of residents of Plum and surrounding communities, and the limited public notice for public comment, a hearing should be considered mandatory. It is essential for demonstrating thoroughness and transparency in your regulatory decision making.

I propose to raise issues related to drinking water safety, potential seismic activity, and the safe transportation and handling of fluids to be disposed, that may not have been sufficiently addressed in the statement of basis for the draft permit.

Sincerely,

Dennis Skeers  
Murrysville, PA

**Bennett, James**

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**From:** catherine gammon <catherinegammon@gmail.com>  
**Sent:** Tuesday, July 25, 2017 2:00 PM  
**To:** Scavello, Grant  
**Subject:** UIC permit to Penneco Environmental Solutions in Plum Boro

**Categories:** Penneco - Hearing

As a resident of Pittsburgh, PA, I urge you not to approve the proposed permit for Penneco Environmental Solutions to dispose of oil and gas wastewater in Plum Borough, PA.

We should not have to see our water supplies threatened by the toxic chemicals found in drilling waste. The site is too close to the 40 oil and gas wells already existing in Plum. 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.

These issues of waste and transport are essential problems with the whole fracking process: where to put the waste? There is no safe place for it and no safe way to transport it. There is no safe fracking.

For these reasons and more, I believe the EPA should not risk contaminating local water supplies by issuing a UIC permit to Penneco Environmental Solutions in Plum Boro, and I urge the EPA to extend the public comment period in order to ensure that the public is able to weigh in on this decision.

Catherine Gammon  
Pittsburgh, PA

**Bennett, James**

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**From:** Lois Nesbitt <loisnesbitt49@gmail.com>  
**Sent:** Wednesday, July 19, 2017 8:15 AM  
**To:** Scavello, Grant  
**Cc:** Lois Nesbitt  
**Subject:** Underground Injection Control (UIC) Class II-D permit to Penneco Environmental Solutions, LLC (Penneco)

**Categories:** Penneco - Hearing

Dear Mr Scavello,

As a resident of Murrysville, Pa, a municipality which neighbors the injection well in Plum Borough, I adamantly oppose the Underground Injection Control (UIC) Class II-D permit to Penneco Environmental Solutions, LLC (Penneco) for disposal of fluids from commercial oil and gas operations. The location of the proposed injection well is along Old Leechburg Road, off of State Rt. 366, not far from the Murrysville border. Injection of "brine" would be into the "Murrysville Sandstone" formation. This is the kind of well that has been directly linked to earthquakes in Oklahoma, which is now the most seismically active place in the U.S. and in Ohio.

For the health and safety of southwestern Pennsylvania residents and communities, this permit must be denied.

Kind regards,  
Lois Nesbitt

4000 Mayflower Court  
Murrysville, Pa 15668

**Bennett, James**

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**From:** Cynthia Vento <ventoc107@gmail.com>  
**Sent:** Thursday, July 20, 2017 9:38 AM  
**To:** Scavello, Grant  
**Subject:** Fwd: Returned mail: see transcript for details

**Categories:** Penneco - Hearing

Good morning,

I am writing to voice my dismay over this possibility in Plum Borough. I look forward to a Town Hall Meeting.

Thank you,  
Cynthia Vento

**Bennett, James**

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**From:** Jad Mahsoob <Jmahsoob@zoominternet.net>  
**Sent:** Thursday, August 03, 2017 7:56 AM  
**To:** Scavello, Grant  
**Subject:** [WARNING: SPF validation failed] 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.

Mr. Jad Mahsoob  
143 Blue Heron Dr  
Wexford, PA 15090  
724-799-8211

**Bennett, James**

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**From:** erottscha@aol.com  
**Sent:** Thursday, July 20, 2017 7:12 AM  
**To:** Scavello, Grant  
**Subject:** Waste water

**Categories:** Penneco - Hearing

Dear Sir,

I am against a waste water well in Plum.

Elizabeth C Rottschaef

Sent from my iPhone

**Bennett, James**

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**From:** Shane Smith <shanesmithrealestate@gmail.com>  
**Sent:** Wednesday, July 19, 2017 10:02 PM  
**To:** Scavello, Grant  
**Cc:** Amy R Smith  
**Subject:** [SPAM] Gas wastewater disposal well-not for it  
  
**Categories:** Penneco - Hearing

As a resident of the more rural area of Plum, I am strongly opposed to having this happen where my family and I reside. It concerns me mostly due to the fact that our home is run on well water, in which we use, shower, and fill our family pool with. I'm hoping this is reconsidered by the parties involved and that the community and safety of local families are viewed as the more important issue here, rather than filling the ground around us with this junk.



**Bennett, James**

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**From:** Colleen Joyce <tjicmj@gmail.com>  
**Sent:** Wednesday, August 02, 2017 6:44 PM  
**To:** Bennett, James  
**Cc:** Colleen Joyce  
**Subject:** [SPAM] Injection Well Plum Borough.

Hello my name is Colleen Joyce. My son just purchased the property at 1730 Old Leechburg road. Formerly known as Promises Kept Farm. In the late 1990's Penneco drilled a gas well on the property during the previous owner's occupation. They Contaminated the well resulting in the previous owners having to tap into Borough water and now having a monthly bill where there was none. The property includes a 500,000 gallon 11 foot deep freshwater fishing pond stocked with bass, trout, walleye and clams. This property represents not only my sons life savings and investment but my husband's and mine as well. The possibility of his investment becoming worthless due to contamination is very real.

Penneco has been cited several times for violating regulations.

A review of Pennsylvania DEP records finds that Penneco has committed over 50 violations in operating oil and gas wells in Pennsylvania. Some of these violations are significant and include failing to properly control and dispose of industrial and residual wastes resulting in water contamination. Some of these violations occurred in Plum Borough previously.

March 10, 2016

- One environmental, health and safety violation in Allegheny County to Penneco Oil Co. Inc. on March 10 for failure to properly store, transport, process or dispose of a residual waste at a drill site in Plum.

*The effect of industrial effluent is even more insidious than domestic sewage. [...] \*\*\*\*\*The most dangerous form of this pollution is what is known as deep well injection — where industries in order to save expenditure on effluent treatment plants — instead inject the pollutants deep into the earth's crust — where they pollute the aquifers which contain pure water*

*way below the earth's surface — which has collected over several thousands of years.\*\*\*\*\**

*Regardless of the waste disposal technology utilized, under the right conditions, waste or constituents of wastes, particularly liquid wastes, migrate. [...] Once hazardous waste enters a body of natural groundwater, it can move great distances, undetected and hidden from view. The ultimate destination of that contaminated water may be a well supplying drinking water. Since about half of all Americans, and up to 95 percent of those in rural areas, rely on groundwater as their main source of drinking water, there is great concern for the ever-increasing contamination of groundwater by improper hazardous waste disposal.*

Despite these ongoing environmental concerns, recent deep well bans — [including one in Ohio](#) — focused on earthquake hazards rather than potential environmental ramifications.  
Per Pace environmental law review.

"In 10 to 100 years we are going to find out that most of our groundwater is polluted," said Mario Salazar, an engineer who worked for 25 years as a technical expert with the EPA's underground injection program in Washington. "A lot of people are going to get sick, and a lot of people may die."

Per Publica

Most injection well permits strictly limit the maximum pressure allowed, but well operators — rushing to dispose of more waste in less time — sometimes break the rules, state regulatory inspections show. According to data provided by states to the EPA, deep well operators have been caught exceeding injection pressure limits more than 1,100 times since 2008.

This problem is not unique to Pa as there are reports after reports of violations through your the country.

It's time communities like Plum stop being considered collateral damage by the fossil fuel industry.

There are other ways to purify and reuse fracking waste, however that of course will cut into the profits of the fuel companies. But is putting communities at risk an acceptable alternative? I say no.

Thank you for your consideration.

Sent from my iPhone

**Bennett, James**

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**From:** erottschaee@aol.com  
**Sent:** Thursday, July 20, 2017 7:12 AM  
**To:** Scavello, Grant  
**Subject:** Waste water

**Categories:** Penneco - Hearing

Dear Sir,

I am against a waste water well in Plum.

Elizabeth C Rottschaefee

Sent from my iPhone

**Bennett, James**

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**From:** Nina Segelson <nsegelson@plumboro.com>  
**Sent:** Friday, July 21, 2017 11:39 AM  
**To:** Scavello, Grant  
**Cc:** Michael Thomas; Earlene Wolfe  
**Subject:** Wednesday meeting

**Categories:** High Importance, Penneco - Hearing

Hello Grant,

You are holding a meeting/hearing at our senior center next week. As far as I know, it has not been advertised anywhere. Our Plum Borough officials knew nothing about it. I now am feeling that perhaps it was thought that we would promote it, but my understanding is that public meetings like this were to be advertised publically by the agency holding the meeting.

Last night, it was announced on one of our Pittsburgh TV stations. But, they said it would be at the Plum Boro building. That is a couple of miles away from our senior center. When I checked with them, I found out that no one knew about the meeting at the Boro.

This is an important meeting and I will be opening up the building for it. I need to know what time you will be arriving. I left a message on your phone, but thought you might see this first. We have a public TV channel in the Boro that we can post to on Monday. Facebook is the only other option, unless you all have promotions and announcements going out this weekend. But they should be correct. We do not even have the correct verbiage to announce the meeting. Please forward it.

I look forward to meeting you and hearing about this important issue.

Thank you,  
Nina Segelson  
Executive Director  
Plum Senior Community Center  
499 Center New Texas Road  
Plum, PA 15239  
412-744-4859

**Bennett, James**

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**From:** Amy Wetmore <wetmoreal@gmail.com>  
**Sent:** Wednesday, August 09, 2017 6:01 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 its 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.

Additionally, I would like to add that I was upset that the representatives from the Penneco attended the meeting in plain clothes, sat among the audience and did not identify themselves. The group sat directly in front of me and I was taken back by the comments they made among themselves regarding public statements. If the representatives of this company cannot show respect to us as a concerned community at a public hearing, how can I believe they will respect my well-being and the well-being of my child, my friends, my neighbors and work to keep our community safe?

I implore you to encourage Penneco to find a safer way to process their wastewater and to keep this impending disaster out of our neighborhood.

Sincerely,

Amy L. Wetmore  
834 Unity Center Road  
Pittsburgh, PA 15239  
(412) 798-0968

**Bennett, James**

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**From:** Jim Rosenberg <jr@amanue.com>  
**Sent:** Wednesday, July 26, 2017 4:41 PM  
**To:** Scavello, Grant  
**Subject:** Written Public Comment on Draft Permit No. PAS2D701BALL  
**Attachments:** Sedat\_3A\_Injection\_Well\_Comment.pdf  
  
**Categories:** Penneco - Hearing

Attached is my written Public Comment on Draft Permit No. PAS2D701BALL. I also intend to present it at the hearing.  
(I've prepared an oral summary which is much shorter.)

-Thanks, Jim

**Bennett, James**

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**From:** Matthew Vento <mattvento@comcast.net>  
**Sent:** Friday, July 21, 2017 11:48 AM  
**To:** Scavello, Grant  
**Subject:** Wastewater well in Plum

**Categories:** Penneco - Hearing

I'm writing to you hoping that this wastewater well in Plum Pennsylvania will be denied its permit. It's only a few miles from my home. The possibility of even low magnitude earthquakes and toxic chemicals being shipped nearby is unacceptable to me. The government needs to work for the millions of American people, not the few corporations.

Sincerely

Matthew Vento

Sent from my iPhone



**Bennett, James**

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**From:** Me <smcrandal@gmail.com>  
**Sent:** Thursday, July 27, 2017 12:15 AM  
**To:** Scavello, Grant  
**Subject:** Wastewater well injection in Plum

**Categories:** Penneco - Hearing

To Whom it May Concern,

I wanted to voice my opinion and concerns regarding a wastewater injection well in Plum, Pa by Penneco. Although I can appreciate that this waste needs to go somewhere, the proposed site in Plum is shallow in comparison to other wells, to quote Ben Wallace from Penneco, they would be "injecting into a damp sponge." What happens to a damp sponge? It becomes saturated, leaks, and spills its contents to the surrounding surfaces. Therefore earthquakes may not be as prevalent, but contamination of our water supply, exposure of radioactive waste to the community, and mine subsidence are real concerns. Allegheny county and surrounding areas are heavily populated, and the repercussions of such reckless actions would have far reaching and lasting negative and irreversible consequences, therefore we need at all costs, to be protected from any further pollution of the water supply. Please do whatever is necessary to stop Penneco from injecting their waste into Plum. Thank you for your consideration in this matter.

Sandra McRandal

Sent from my iPhone

**Bennett, James**

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**From:** FRANCES ABBOTT <fjabb@comcast.net>  
**Sent:** Friday, July 28, 2017 10:18 AM  
**To:** Bennett, James  
**Subject:** wastewater well

Mr Bennette,

Please stop the proposal for a wastewater well in Plum.

Yours truly, a long time resident of Plum,

Fran and Julie Abbott

716 Glengarry Court

Pgh Pa 15239