



**Windfall Comments**

**Steve Platt** to: Nina Rivera

02/12/2013 02:16 PM

**Nina,**

**This contains the public comments that contain comments with attachments. This will be the memory intensive email. I'll send you two more emails. Each one will have the specific comments that many people sent.**

**S. Stephen Platt  
U.S. EPA, Region 3  
Ground Water & Enforcement Branch (3WP22)  
1650 Arch Street  
Philadelphia, PA 19103  
215-814-5464**

**----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----**

**From: Tina Lee <tinasleepa@gmail.com>  
To: Steve Platt/R3/USEPA/US@EPA  
Date: 11/12/2012 09:02 AM  
Subject: Zelman #1 Class 2 Disposal Injection Well proposed for Brady Township, Clearfield County, PA**

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Dear Mr. Stephen Platt,

My name is Tina Lee and I live on 215 E. Washington Ave. DuBois, PA. I live about a mile and half from the proposed injection well site in Brady Township. My family of 4 with two young children are admantly opposed to this proposed disposal injection well. There are many homes and Highland Street Elementary School that are in the vicinity of this proposed injection well. If any kind of spillage of disposal material happens, it will affect so many lives and poison the ground water that we depend on.

Please consider my ardent opposition to this proposed disposal injection well when EPA makes the decision on the application from Windfall Oil & Gas. I will be at the public hearing meeting on Dec.10th at 7 pm. Thank you.

Sincerely,

Tina Lee

**----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----**

**From: "Toni" <toni.and.gary7@comcast.net>  
To: Steve Platt/R3/USEPA/US@EPA  
Date: 11/11/2012 09:15 AM  
Subject: Request Public Hearing**

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Mr. Stephen Platt, EPA Region III  
Ground Water & Enforcement Branch  
Office of Drinking Water & Source Water Protection (3WP22)  
1650 Arch Street  
Philadelphia, PA, 19103

Dear Mr. Platt,

This letter is to request a public hearing on the Zelman #1 Class 2 Disposal Injection Well proposed for Brady Township, Clearfield County, PA.

Please put this comment of mine on the record: A toxic spill could go directly into the aquifer. I live downhill from this proposed well, about 1 1/2 miles away. I have a deep concern of something going wrong, either human error or carelessness or equipment malfunction/failure. It has happened elsewhere & people are still suffering from the outcome.

Sincerely,

Toni Vanderpool  
213 Olive Avenue  
DuBois, PA 15801

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** Mark McCracken <mmccracken@clearfieldco.org>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Cc:** Joan McMillen <jmcmillen@clearfieldco.org>, John Sobel  
<jsobel@clearfieldco.org>  
**Date:** 11/15/2012 11:00 AM  
**Subject:** EPA Hearing - Brady Township PA - Windfall Injection Well Project

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Dear Mr. Platt,

Please be advised that the Clearfield County Commissioners are planning to attend the public comment hearing for the proposed injection well in Brady Township, Clearfield County that the EPA has scheduled for Dec 10th, 2012. We would appreciate if you would notify us once the event is confirmed by the EPA.

Sincerely,

Mark B. McCracken  
Clearfield County Commissioner

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** John Sobel <jsobel@clearfieldco.org>  
**To:** Mark McCracken <mmccracken@clearfieldco.org>, Steve Platt/R3/USEPA/US@EPA  
**Cc:** Joan McMillen <jmcmillen@clearfieldco.org>  
**Date:** 11/15/2012 11:35 AM  
**Subject:** RE: EPA Hearing - Brady Township PA - Windfall Injection Well Project

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Mark, you signed a letter to this effect yesterday. Why are you sending this e-mail? Our letter to him said the same thing.

John

**From:** Mark McCracken  
**Sent:** Thursday, November 15, 2012 11:09 AM  
**To:** platt.steve@epa.gov  
**Cc:** Joan McMillen; John Sobel  
**Subject:** EPA Hearing - Brady Township PA - Windfall Injection Well Project

Dear Mr. Platt,

Please be advised that the Clearfield County Commissioners are planning to attend the public comment hearing for the proposed injection well in Brady Township, Clearfield County that the EPA has scheduled for Dec 10th, 2012. We would appreciate if you would notify us once the event is confirmed by the EPA.

Sincerely,

Mark B. McCracken  
Clearfield County Commissioner

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** "Rebecca Madill" <ram436@psu.edu>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 11/16/2012 02:25 PM  
**Subject:** EPA hearing on injection well for Brady Township PA

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Mr. Stephen Platt, EPA Region III

Ground Water & Enforcement Branch

Office of Drinking Water & Source Water Protection (3WP22)

1650 Arch Street

Philadelphia, PA, 19103

Dear Mr. Platt,

This letter is to request a public hearing on the Zelman #1 Class 2 Disposal Injection Well proposed for Brady Township, Clearfield County, PA.

Please put this comment of mine on the record: Methane migration into the aquifer

Sincerely,  
Rebecca Madill

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Rebecca Madill  
TIES Pre-Doctoral Fellow  
Human Development and Family Studies  
Pennsylvania State University  
S-113 Henderson Building  
University Park, PA 16802

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** Dale Kassab <djkassab@gmail.com>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 11/16/2012 12:50 PM  
**Subject:** meeting

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I'd like say I for one have an interest in a Brady Twp. meeting concerning injection wells in the state of Pa.  
To me it's a matter of more profits rather than treating this water.  
To inject it into old wells seems like a very bad idea.

There's only so much water to drink. Plus watching other states and the problems they're having with earth quakes, is another concern. Not to mention they were putting it into sewage treatment plants that passed through the radioactive components, straight back into our rivers.

Make them treat it.

Sincerely, Dale Kassab,

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** musclecarnut@comcast.net  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 11/16/2012 03:50 PM  
**Subject:** Proposed Highland Street Extension Injection Well

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Dear Mr. Platt:

I am writing in regards to the public hearing scheduled for December 10, 2012 at the Luthersburg Community Center, Luthersburg, Pennsylvania for the proposed Highland Street Extension Injection Well located in DuBois, Pennsylvania. I would like to voice my concerns regarding such a well. The following are my concerns regarding the environment:

**I. Aquifer Contamination**

- A. Surface spill
- B. Methane migration

**II. Deep Mines**

- A. Transmission of toxic fluid(s) into water wells
- B. Transmission of toxic fluid(s) into the whole City of DuBois

**III. Toxins**

- A. Wastedumps in residential areas
- B. Industrial activity in residential areas

The above list is not my only concern in regards to the injection well in this area. My other concern is for the amount of tri-axle truck traffic flow that will develop in that area. Although increased traffic flow is not something the EPA may consider, I believe it should be. The EPA is responsible for the protection of the environment. Is it only concerned with the environment of water for plants and animals? I think not. I believe it is also concerned with the water for the human environment. I am asking that the permit for the injection well on Highland Street Extension be refused for the environmental protection of humans.

Thank you for your consideration in this matter.

Sincerely,

Beth Gilga

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** ed mcdade <dedade\_2002@yahoo.com>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 11/16/2012 03:41 PM  
**Subject:** Public hearing

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Mr. Stephen Platt, EPA Region III  
Ground Water & Enforcement Branch  
Office of Drinking Water & Source Water Protection (3WP22)  
1650 Arch Street  
Philadelphia, PA, 19103

Dear Mr. Platt,

This letter is to request a public hearing on the Zelman #1 Class 2 Disposal Injection Well proposed for Brady Township, Clearfield County, PA..Nearby wells could let methane migrate into drinking or the aquifer could be polluted!

Please put this comment of mine on the record:

Sincerely,

Ed Mc Dade

2581 south mountain  
port matilda pa 16870

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** "George, Camille" <CGeorge@pahouse.net>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 11/27/2012 03:05 PM  
**Subject:** Comments: UIC Permit PAS2D020BCLE (Windfall/Zelman 1)

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Nov. 27, 2012

Stephen Platt, EPA Region III  
Ground Water & Enforcement Branch  
Office of Drinking Water & Source Water Protection (3WP22)  
1650 Arch St.  
Philadelphia, PA, 19103

RE: UIC Permit PAS2D020BCLE (Windfall/Zelman 1)

Dear Mr. Platt:

Please accept the dual intent of this letter: 1) to request a public hearing on the Zelman #1

Class 2 Disposal Injection Well proposed for Brady Township, Clearfield County, PA.; and 2) as my comments for the record on the Zelman 1 injection well proposal.

I will not dwell on the public hearing, tentatively scheduled for 7 p.m. Dec. 10 at the Brady Township Community Center in Luthersburg, Pa. The intense public interest in the meeting and the issue is evident from the July 23 EPA Information Sharing meeting on the issue that was attended by two of my staff members.

My comments on the Brady Twp. injection well proposal focus on the threat to public and private water supplies. Simply put, geologic and hydrological conditions in the area make the proposed site an egregiously poor one for such a well.

As the state representative from the adjacent district and longtime chair of the Pa. House of Representatives' Environmental Resources & Energy Committee, I have great familiarity with the area's incredibly complex geology. As a state geologist said of Clearfield County, "the geology was not as difficult as you thought it... It was worse!" It is infamous for its high pyrite and sulfur concentrations, which have had local ramifications. An environmental assessment omitted for an Interstate 99 construction project in adjacent Centre County has cost taxpayers tens of millions of dollars for remediation as the disturbed pyrite ruined water resources.

In the 1972 Pa. Department of Environmental Resources report, "Subsurface Liquid Waste Disposal and Its Feasibility in Pennsylvania," it was noted, ***"It cannot be overstressed that the introduction of waste liquids into the subsurface is a permanent alteration of the subsurface environment... The magnitude of these changes may be small, but they are cumulative."***

Brady Township is strategically situated near two watersheds – the Susquehanna and Ohio river basins. The injection well is perilously close to the DuBois Reservoir, the main water source for the city, and the supply for Brady Township and the Borough of Troutville. Many private water wells are located within two miles of the proposed injection well. Old, deep gas wells have been drilled in the area, abandoned gas wells are very close to the proposed site and abandoned mines are significantly close to the proposed site. Springs, water wells and headwaters also are close to the proposed disposal injection well.

Earthquakes in Ohio have been linked to injection wells. Underground injection of wastewater produced by hydraulic fracturing and other energy technologies has a higher risk of causing such earthquakes, according to a June report from the National Research Council. Clearfield County straddles known faults and it does not receive the highest rating for storage of carbon dioxide, never mind fracking wastewater.

A May 2012 study by the Nicholas School of the Environment at Duke University spotlighted the "Geochemical evidence for possible natural migration of Marcellus Formation brine to shallow aquifers in Pennsylvania." It "suggests that these areas could be at greater risk of contamination from shale gas development because of a preexisting network of cross-formational pathways that has enhanced hydraulic connectivity to deeper geological formations."

Knowing all this, I believe the EPA must reject the Windfall Oil and Gas permit application.

However, I believe the economic anomalies presented by this permit application also must be considered. The federal Economic Development Administration is providing a \$1.2 million grant for a demonstration plant in Johnstown to treat Marcellus wastewater. The project, being

pursued by Aspen Johnstown LLC, would reportedly employ hundreds.

Another wastewater treatment facility is proposed by Reserved Environmental Services in Pine Creek Township, Clinton County. RES has two such facilities already operational, including one in Westmoreland County, which is the largest such water treatment facility in the state. Eureka Resources LLC is building a facility in Standing Stone Township, Bradford County, to treat Marcellus wastewater. It, like the plant proposed in Johnstown, plans for beneficial reuse of valuable byproducts that can be extracted from the wastewater.

Given the dubious environmental, hydrological and geological underpinnings of the well proposed in Brady Township, permit approval of it would subvert private and public investments being made across the state. Injection wells may be convenient and profitable for their owners, but the benefits, if any, to future generations of Commonwealth citizens is highly suspect.

Thank you for your consideration of these comments.

Sincerely,

Camille "Bud" George  
STATE REPRESENTATIVE  
D-74 of Clearfield County, and chair (D)  
Pa. House of Representatives'  
Environmental Resources &  
Energy Committee



**img-Y27150148-0001.pdf.pdf**

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** William Granche <billgranche@gmail.com>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 11/27/2012 08:56 PM  
**Subject:** Injection Well

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**Please hold a hearing for the injection well permit planned for Elk County!**

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** Kim <caseycorps@aol.com>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 11/27/2012 05:27 PM  
**Subject:** Fwd: PLEASE request 2 EPA public hTina Fischer <tfgasprg@gmail.com>earings!!!

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Mr. Stephen Platt, EPA Region III



Ground Water & Enforcement Branch  
Office of Drinking Water & Source Water Protection (3WP22)  
1650 Arch Street  
Philadelphia, PA, 19103

Dear Mr. Platt,

This letter is to request a public hearing on the Zelman #1 Class 2 Disposal Injection Well proposed for Brady Township, Clearfield County, PA.

Please put this comment of mine on the record:

Abandoned gas wells could provide a pathway for methane migration into drinking water wells

Sincerely,

Kim Casey  
109 Giles Road  
East Kingston NH 003827

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** Jeanette Stump <littlemillcreek@gmail.com>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 11/28/2012 07:06 AM  
**Subject:** Injection Wells

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November 30, 2012

Mr. Stephen Platt, EPA Region III

Ground Water & Enforcement Branch

Office of Drinking Water & Source Water Protection (3WP22)

1650 Arch Street

Philadelphia, PA, 19103

Dear Mr. Platt,

We are writing this letter to request that you hold public hearings for both the Zelman #1 Class II-D Disposal Injection Well proposed for Brady Township, Clearfield County, PA, and also for the Seneca Resources Class II-D Disposal well ( #38268 ) proposed for Highland Township, Elk County, PA.

Although the industries – and government – claim that injection wells pose little risk to groundwater resources or to the environment, We are also aware of those claims made by experts that such disposal wells are very risky, at best. And, as you know, once an aquifer is contaminated, it is virtually impossible to de-contaminate it.

(I am also reminded of industries' – and government's claims regarding the safe use of DDT and Agent Orange.)

Besides the risks to nearby aquifers, injection wells require fleets of diesel trucks transporting large volumes of fluid waste to the well sites. It should be obvious that the noxious diesel fumes, noise, and risk of spills are activities that should not be anywhere near peaceful neighborhoods or farms.

As an aside, it may be true that the alternatives to the injection process, e.g., treating or recycling the wastewater, burning various components of the waste, or creating surface storage facilities may be far more expensive and possibly create greater environmental risk than injection underground. But perhaps those companies that are currently making record profits should spend some of their earnings on proven, safe, and effective treatment facilities rather than "sweeping the dirt under the rug."

Thank you very much for your time and consideration.

Sincerely,

Cliff and Jeanette Stump

5508 Montmorencie Road

Ridgway, Pa. 15853

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** Neil and Judy Conti <feathertop@comcast.net>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 11/28/2012 09:42 AM  
**Subject:** Brady Township Injection Well Public Hearing Dec. 10

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**Dear Mr. Platt,**

**I am writing this email in relation to:**

**Proposed injection well location: Highland St. Ext., DuBois, Brady Township,  
Clearfield County, PA**

Coordinates: 41 04 55.0, -78 44 48.9

**As I understand, until December 4, you are accepting requests for a public hearing in Brady Township, in order to determine if there is enough public concern to hold the meeting.**

**Please regard this email as a reflection of public concern from two residents in the Brady Township area.**

**My wife, Judy, and I have lived in Brady Township on a farm for over 26 years now, both of us commuting to Punxsutawney to teach in the Middle and High schools.**

**For most of those years, we have relied on well water, to which we still have access on our property, although we now get our drinking water from the township. We are some two miles from the center of Luthersburg.**

**We are both concerned that waste water from gas drilling may be injected into the ground in our township. Simply put, we do not want this to happen. Again, to be clear, we feel that injecting this water into the ground in our township poses a grave danger to us citizens.**

**This water is so toxic, drilling companies cannot clean it. It is so toxic, they simply (again, that word) do not know what to do with it.**

**They have tried dumping it into our streams, all the while denying they were doing so.**

**They have tried dumping it into our streams, after admitting to it, but after promising us it was somehow cleaned and safe. We both now know that was never even close to true.**

**They have tried telling us they would ship it to Ohio!**

**Since there is no way of neutralizing it, their best idea now is to somehow put it so far away from everyone that, in doing so, they hope it will just go away. It's like a child trying to hide evidence of wrong doing.**

**They can't box this toxic water up and send it to the moon, so they decide to dig a hole and hide it there. When considered in those terms, this process seems laughable.**

**Is it safe to dispose of water in such a way? They say, "Yes." We say, "No."**

**You say, "It can be, and then, again, it might not be."**

**My wife Judy and I see your position in this affair in, again, very simple terms.**

**You work for Environmental Protection Agency. I think on the words in that title. We count on you to protect our environment. That is what you promise to do.**

**We count on you to listen to your citizens' concerns and believe in their abilities to understand and see things clearly. We are professionals with careers, well-informed, civic-minded, and true to our duties, responsibilities, and rights as citizens.**

**Please protect us. Please listen to us.**

**The water that may be injected in our township is toxic and deadly. There is no arguing that. What is up for debate is whether or not that water will stay put.**

**In your heart of hearts, you simply cannot promise that you are 100% certain that water will never, in the next 10, 20 or 100 years, escape . . . to harm the purity of our environment, let alone our drinking water.**

**Our environment. Our Environmental Protection Agency. This is our legacy, yours and ours. What we decide to do now will affect us and be remembered for generations.**

**You have a chance to protect us. We are counting on you to do so. We, the people. You, too, are, "We the people."**

**Thank you for taking the time to consider your constituents' points of view. Please make certain that our voices are heard and that our hearing is held.**

**Sincerely,**

**Neil A. Conti**

**November 28, 2012**

**1480 Shamokin Trail**

**Luthersburg, PA 15848**

**Home Phone: 814-583-7819**

**Cell: 814-553-8629**

**email: [feathertop@comcast.net](mailto:feathertop@comcast.net)**

**----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----**

**From: TED AND RONA <ronated@comcast.net>**  
**To: Steve Platt/R3/USEPA/US@EPA**  
**Date: 11/28/2012 11:28 AM**  
**Subject: TESTIMONY ON THE ZELMAN#1 INJECTION WELL**

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DEAR MR.PLATT, THIS LETTER IS TESTIMONY ON THE ZELMAN #1 INJECTON WELL PROPOSED FOR BRADY TOWNSHIP, CLEARFIELD COUNTY DUE DECEMBER 10,2012. MY SPECIFIC CONCERNS DEAL WITH CONTAMINATION OF THE UNDERGROUND SOURCES OF WATER.

WE LIVE WITHIN THE 1/4 MILE RADIUS OF THE PROPOSED INJECTION WELL, IN FACT WE ARE DIRECTLY ACROSS THE STREET FROM IT. WHEN AN ACCIDENT HAPPENS, WHO IS RESPONSIBLE FOR OUR WATER? WHAT DO YOU PROPOSE WE DO THEN?

WE ARE IN A RESIDENTIAL AREA HERE WITH NO PUBLIC WATER ACCESS. WHY IN THE WORLD WE YOU ALLOW A TOXIC WASTE DUMP TO BE LOCATED HERE?

SINCERELY, TED

AND RONA CRYTSER

1500

HIGHLAND ST. EXT.

DUBOIS, PA. 15801

**----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----**

**From: Hank Madere <henryzeno@verizon.net>**  
**To: Steve Platt/R3/USEPA/US@EPA**  
**Date: 11/28/2012 01:58 PM**  
**Subject: Brady Township Disposal well**

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November 28, 2012

U.S. Environmental Protection Agency Region III  
Ground Water & Enforcement Branch  
Office of Drinking Water and Source Water Protection (3WP22)  
1650 Arch Street  
Philadelphia, Pennsylvania 19103

Dear Mr. Platt,

I request that you hold the public hearing on Dec. 10, 2012 for the issue of a final UIC permit for the construction and operation of one commercial Class II-D injection well by Windfall Oil and Gas

Inc. in Brady Township, Clearfield County, Pa.

I object to the construction and operation of one commercial Class II-D injection well by Windfall Oil and Gas Inc. in Brady Township, Clearfield County, Pa. on these grounds:

That because of the presence of geological faults nearby which if lubricated by the fracking fluid could cause earth quakes such as happened near Youngstown, Ohio.

It seems logical to treat these fluids rather than inject them into the ground. Eventually these fluids will make their way to the surface somewhere.

I propose that injection wells be placed in the wilderness which Pennsylvania has plenty of instead of near populated areas such as DuBois, Pa. Du Bois area has a population of over 20,000 people.

The proposed well is on a mere 19 acre site. Is the fluids going to remain within the perimeter of this 19 acre site? Or is it going to spread under other prosperities?

**A toxic surface spill could go directly into the aquifer**

- Methane migration into the aquifer
- Nearby deep mines transmitting toxic fluid into water wells
- Nearby deep mines could transmit toxic fluid under all of DuBois clear out to the DuBois Mall
- Abandoned gas wells could provide a pathway for methane migration into drinking water wells

Nearby deep gas wells could provide a pathway for toxic fluid to get into water wells

Henry Madere Mary Madere phone 814 371 5396

213 South Ave. DuBois, Pa 15801 Email henryzeno@verizon.net

**Brady Township, Pennsylvania - Windfall Oil and Gas, Inc.**

**Underground Injection Control (UIC) permit PAS2D020BCLE**

**One commercial Class II-D injection well, the Zelman #1**

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From: Amber Nolder <ambernolder@gmail.com>**  
**To: Steve Platt/R3/USEPA/US@EPA**  
**Date: 11/28/2012 04:59 PM**  
**Subject: Public Hearing Request, Brady Township, PA Zelman#1 Class 2 Injection Well**

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Mr. Stephen Platt, EPA Region III

Ground Water & Enforcement Branch

Office of Drinking Water & Source Water Protection (3WP22)

1650 Arch Street

Philadelphia, PA, 19103

Dear Mr. Platt,

This letter is to request a public hearing on the Zelman #1 Class 2 Disposal Injection Well proposed for Brady Township, Clearfield County, PA.

Please put this comment of mine on the record:

An injection well for the disposal of hydraulic fracturing fluids and brine carries the potential for contamination of aquifers and ground water by toxic fluid migration or spills. In consideration of the effects of such incidents on the community, a public hearing should be held to address the concerns of area residents.

Sincerely,

Amber D. Nolder

3854 Shamokin Trail

Luthersburg PA 15848

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** Jack Donahue <jfd161@yahoo.com>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 11/29/2012 09:24 AM  
**Subject:** Request a public hearing on the Zelman #1 Class 2 Disposal Injection Well

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**EPA Letter.docx**

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** <tdmarsh@windstream.net>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/03/2012 07:01 AM  
**Subject:** UIC Permit PAS2D020BCLE

Mr. Stephen Platt, EPA Region III  
Ground Water & Enforcement Branch  
Office of Drinking Water & Source Water Protection (3WP22)  
1650 Arch Street  
Philadelphia, PA, 19103

RE: UIC Permit PAS2D020BCLE (Windfall/Zelman 1)

Dear Mr. Platt,

This letter is testimony on the Zelman #1 Injection Well proposed for Brady Township, Clearfield County due December 10, 2012. Thank you for holding the EPA hearing in Brady Township, Clearfield County on December 10, 2012 and consider this letter my request to hold this EPA hearing. My specific concerns deal with contamination of the underground sources of water:

#1 - My drinking water source is a private well and has potential to be contaminated through the disposal of waste underground right behind my home on Highland Street Extension.

#2 - We have really good water now and we are concerned that this will not be the case if you allow this disposal injection well to be placed in our neighborhood.

#3 - Ground faults are located in the area close to the proposed disposal injection site. The proposed injection well may be located in an earthquake prone area.

#4 - Coal mines are located in the ¼ mile radius of review and any small fracture or leak has the potential to seep into these mines and carry waste under the City of DuBois. These mines are full of water and are all over our area, so these deep mines would transmit toxic fluid into water sources.

#5 - The possibility of a surface spill that would go directly into the aquifer is a concern.

#6 - Abandoned wells could provide a pathway for methane migration into drinking water wells into the aquifer. Some of these abandoned wells may not be plugged.

#7 - Just a few feet outside the ¼ mile review at least 4 deep wells are located in the same formation (Oriskany) that are able to transmit toxic fluid into water wells.

#8 - The 1/4 mile area of review is not sufficient to understand the scope of the area and all the deep wells right outside the 1/4 mile review are potential sources of contamination to our drinking water. The City of DuBois being located so closely is another major consideration. Water supplies for many city and township residents are very close to this proposed site along with many private water wells.

#9 - The cost to plug the disposal injection well should be much higher than \$30,000 and we feel this is insufficient. It is also important to ensure funds are available for any potential costs incurred if water becomes contaminated in the area.

#10 - Why is a toxic waste dump & industrial activity being put into a residential area?

Sincerely,

Dennis and Terry Marsh  
1379 Highland Street Extension  
DuBois, PA 15801



----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** graceann bergin <gbergin007@gmail.com>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/03/2012 02:18 PM  
**Subject:** Requesting a hearing for uic permit PAS2DO2OBCLE

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Stephan Platt  
EPA Region III  
Groundwater & Enforcement Branch  
Office of the Drinking & Source Water Protection

1650 Arch St.  
Philadelphia, PA 189103

re:uic permint PAS2DO2OBCLE

Dear Mr Platt,

I request that you have a public hearing for the Zelman#1 Class 2 Disposal Injection Well for Brady Township, Clearfield County PA, tentatively Dec 10, 2012 7:00pm at the Luthersberg Community Center in Brady Township, PA

I have concerns with the possible contamination of the water ways, including private wells, springs, streams, aquifers and the reservoir near by. If there is a leakage from the Class 2 Disposal Injection Well it could contaminate the ground water and cause much damage.

I will plan to come to the hearing and give statement on why the EPA should not grant a permit for the Class2 Injection Well in Brady Township.

Sincerely,

Grace Bergin

216 E. Scribner Ave.

Du Bois, PA 15801

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** Duane Marshall <mrdeuy@yahoo.com>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/01/2012 11:41 AM  
**Subject:** Injection well #38268 Request for Hearing

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Original Copy of Signed Request is being mailed.

December 1, 2012

Mr. Stephen Platt, EPA Region III  
Ground Water & Enforcement Branch  
Office of Drinking Water & Source Water Protection (3WP22)  
1650 Arch Street  
Philadelphia, PA, 19103

Dear Mr. Platt,

We also request a public hearing for the **Injection well #38268 - Elk County, Highland Township Corporation**. We have many friends in this area and we are concerned because they have water : site. Please hold the hearing so these residents can express their concerns and be heard. USDWs area.

Sincerely,

Duane & Darlene Marshall

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** "Rick & Marianne Atkinson" <marianne5@windstream.net>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/03/2012 05:07 PM  
**Subject:** Request for public hearing-Brady Township

---

Dear Mr. Platt,

I would like to request a public hearing for (UIC) permit PAS2D020BCLE for Windfall Oil and Gas Inc. for one commercial Class II-D injection well, the Zelman #1.

My request is based on the following issues:

1. There is no topographic map extending one mile beyond the property boundaries as required in the instructions for Attachment B in the UIC permit application. If properly drawn, the map would show a large subsurface coal mine, approximately 6 acres of which are included in the applicable Area of Review.
2. The Statement of Basis states that there are faults in the Area of Review which would indicate "good confinement of injection fluid and existing formation fluids as well." If this is the case, the Zone of Endangering Influence should be calculated to have more of an egg shape than a circle and include plugged gas well, Permit #20341.
3. The EPA Draft Permit specifies a simpler casing and cementing system than was proposed by Windfall Oil & Gas in their UIC permit application. Also, the casing plan specified by the EPA would not meet the requirements of the PA DEP well drilling regulations. The EPA does not require a conductor casing, or an additional water string casing set at 375 feet, as proposed by Windfall Oil & Gas. This is of special concern to us, because our private water well is 360 feet deep and only 896 feet away from the proposed disposal injection well. Our water well driller has told us that there is a possibility that the drilling of the Zelman disposal injection well could take our water away. Since we have large animals, even a short-term interruption of our water supply would be a serious problem.
4. Just outside the Area of Review, there are 2 producing gas wells in the Oriskany Sandstone that were drilled and fracked in 1960. Gas well Permit # 20327 is only 60 feet outside the Area of Review and gas well Permit # 20333 is only 161 feet outside the Area of Review. In my opinion, the fracking of these wells could have caused open fractures in the confining layer within the Area of Review, which would constitute a violation of EPA regulations.

5. It can be calculated that the net horse power required to pump 1000 bbls per day of fluid at a surface injection pressure of 2593 psi, is about 45 hp. In my opinion, the EPA permit should restrict the injection pump system to 45 net hp, as an additional safeguard against the temptation to increase the injection pressure and injection rate above the specified maximum amounts.

Marianne Atkinson  
221 Deer Lane  
DuBois, PA 15801

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** Randy <fairway08@windstream.net>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/03/2012 03:02 PM  
**Subject:** Emailing:Steve Platt letter.doc

---

Request for hearing.

Thanks,



Randall Baird **Steve Platt letter.doc**

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** Duane Marshall <mrdeWy@yahoo.com>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/01/2012 11:33 AM  
**Subject:** Thank you for holding the EPA Hearing in Brady Township

---

Mr. Stephen Platt, EPA Region III  
Ground Water & Enforcement Branch  
Office of Drinking Water & Source Water Protection (3WP22)  
1650 Arch Street  
Philadelphia, PA, 19103

RE: UIC Permit PAS2D020BCLE (Windfall/Zelman 1)

Dear Mr. Platt,

Please use this email as a request to hold the hearing for the Zelman #1 Injection Well proposed for Brady Township on December 10, 2012. Thank you for holding the EPA hearing in Brady Township, Clearfield County on December 10, 2012. My concerns deal with contamination of the underground sources of water and I'm sending you an original letter that you will find two additional requests to hold the hearing that you will receive original copies signed in the mail.

Sincerely,  
Duane & Darlene Marshall

**Duane & Darlene Marshall  
1070 Highland Street Extension  
DuBois, PA 15801  
mrdewy@yahoo.com**



**Testimony\_Sherry\_green.doc Testimony\_James\_green.doc**

**----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----**

**From: Nick Leslie <nickleslie09@gmail.com>  
To: Steve Platt/R3/USEPA/US@EPA  
Date: 12/04/2012 11:21 AM  
Subject: UIC Permit PAS2D020BCLE (Windfall/Zelman 1)**

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**Dear Mr. Platt,**

**This correspondence is in response to the Zelman #1 Injection Well proposed for Brady Township, Clearfield County. Thank you for holding the public hearing on December 10, 2010 and consider this my request to hold this meeting and testimony against the draft permit.**

**As a resident of Highland Street Extension, I am opposed to the issuance of this permit. I am a Civil Engineer and my wife is a Physician at DuBois Regional Medical Center. In discussing this case, we both feel that the injection well has a potential to become a major public health issue if allowed to proceed. Highland Street Extension is a residential neighborhood, as you are well aware, in which, to my knowledge, all of the homes rely on drilled wells as their primary source of water. There are numerous abandoned coal shaft mines and known and unknown abandoned gas and water wells in proximity to the proposed site. Any leak from the Zelman #1 Injection well has the potential to migrate up through these voids and into the aquifer above and even onto the surface. Case in point the Hammermill/International Paper injection well in Erie, PA during the late 1960's, in which**

**injection fluid migrated under the bay of Erie and surfaced on Presque Isle State Park causing an EPA Superfund Site. A massive clean-up effort was involved and the contamination was not totally resolved until the late 1980's. An event such as that cannot happen in a residential area such as Highland Street Extension. The repercussions would be catastrophic to the residents, townships, the City of DuBois, and ultimately Windfall Oil and Gas.**

**I appreciate your time and the EPA's consideration in this matter and look forward to the public hearing on the December 10, 2012. If you have any questions or concerns please feel free to contact me any time.**

**Sincerely,**

**Nick Leslie**

**----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----**

**From: "Steve Heine" <sheine2100@comcast.net>  
To: Steve Platt/R3/USEPA/US@EPA  
Date: 12/04/2012 04:16 PM  
Subject: Brady Township-Troutville Water Association**

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December 4, 2012

Ground Water & Enforcement Bureau  
U. S. Environmental Protection Agency  
1650 Arch Street  
Philadelphia, PA 19103

Attention: S. Stephen Platt

Gentlemen:

The Brady Township-Troutville Borough Water Association, Luthersburg, PA, has concerns about the draft permit for the Class II-D Injection Well proposal by Windfall Oil and Gas, Inc., (Permit No. PASZD020 BCLE) and requests permission to have these concerns addressed at the Public Hearing to be held December 10, 2012, in Luthersburg.

Our concerns are with the location of the well in close proximity to 14 homes in Brady Township with individual wells as the homeowners' source for water. A major concern is also the impact the daily operation of this well will have on these properties.

The Association would propose that these individual wells be tested by the Permittee before the proposed well is placed into operation. If operation of the injection well adversely impacts these wells, the Permittee must be held responsible for providing an alternative water supply at no expense to the property owners.

Also, we would like to have detailed information on the construction of the injection well, including bore hole sizes, casing sizes and materials, centralizing procedures and proof that the wells are grouted in accordance with approved plans

Thank you for the opportunity to make our concerns known.

Very truly yours,

Stephen V. Heine, P. E.  
Association Engineer

Copy to:  
Brady Township-Troutville]  
Borough Water Association

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From: Rosemarie Kozdron <rosemariekozdron@mac.com>**  
**To: Steve Platt/R3/USEPA/US@EPA**  
**Date: 12/04/2012 11:32 PM**  
**Subject: EPA injection well hearing: Sandy Township, Clearfield County., PA**

---

**I am requesting a public hearing on the proposed Sandy Township disposal injection well. I live in Union Twp., adjacent to Brady and Sandy Twps. I am concerned about water contamination by neurotoxic and carcinogenic fracking waste fluids. These fracking waste liquids cannot be filtered sufficiently to permit contaminated water to be used for drinking, cooking, bathing, washing clothes without significant health hazards. Water travels in not always predictable ways.**

**There should be public discussion of anything which has the potential to endanger the health and future of a community.**

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From: "michaelene hawley" <mdhawley@zitomedia.net>**  
**To: Steve Platt/R3/USEPA/US@EPA**  
**Date: 12/04/2012 07:21 PM**



**Subject: injection well hearing**

---

Dear Mr. Platt,

This e-mail is to express interest in a public hearing on injection wells due to the impact on the quality of water. There are two of us interested in attending this meeting.

Respectfully submitted by  
Michaelene Hawley  
1331 Treasure Lake  
DuBois, PA 15801  
Tel. #: 814-913-1685  
[mdhawley@zitomedia.net](mailto:mdhawley@zitomedia.net)

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From: Michael Cook <mdcook1776@yahoo.com>**  
**To: Steve Platt/R3/USEPA/US@EPA**  
**Date: 12/06/2012 11:38 AM**  
**Subject: EPA Meeting**

---

Mr. Platt,

I am requesting an EPA meeting regarding the proposed Brady Township disposal injection well and would like to comment at that meeting. Thank you.

Michael D. Cook  
1384 Treasure Lake  
DuBois, PA 15801  
Phone: 814-913-1047  
email: mdcook1776@yahoo.com

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From: Laurie Wayne <lwayne@brockwaytv.com>**  
**To: Steve Platt/R3/USEPA/US@EPA**  
**Date: 12/06/2012 01:25 PM**  
**Subject: Letter**

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Mr. Platt,

I have put the original in the mail today. I just wanted to make sure you had a copy of it before Monday. Thank you.



Laurie Wayne **Injection Well Letter.pdf**



----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** "Kulakowski, Tomasz" <tkulakowsk@pa.gov>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Cc:** "Spotts, David" <dspotts@pa.gov>, "Hartle, Mark" <mhartle@pa.gov>  
**Date:** 12/10/2012 11:58 AM  
**Subject:** Windfall Oil and Gas UIC

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December 10, 2012

To: Stephen Platt  
U.S. Environmental Protection Agency  
Groundwater & Enforcement Branch  
1650 Arch Street  
Philadelphia, PA 19103  
Via email: platt.steve@epa.gov

From: Tom Kulakowski  
PA Fish & Boat Commission  
Division of Environmental Services  
450 Robinson Lane  
Bellefonte, PA 16823

Re: Underground Injection Control Draft Permit PAS2D00BCLE for Windfall Oil and Gas, Inc.,  
Brady Township, Clearfield County

Dear Mr. Platt:

We have reviewed the above referenced draft permit, the permit application, conducted reconnaissance of the proposed injection well area and offer the following comments:

1. We are requesting that Windfall Oil and Gas, Inc. (Windfall) add the following sample points to the monitoring program: 3-9-14 and 4-9-14 (see Exhibit 1). Please send all analysis relative to the monitoring program to the Division of Environmental Services, attention Tom Kulakowski, at the address indicated above.
2. Prior to initiation of the injection activities Windfall shall construct a containment dike around the facility. If a holding tank is constructed at the site the dike shall provide a minimum containment volume equal to capacity of the holding tank + 10% freeboard. If no holding tank is proposed, the dike shall provide containment volume equal to the largest tanker that will deliver injection fluid to the facility + 10% freeboard.
3. Windfall shall notify Division of Environmental Services, attention Tom Kulakowski, phone: (814)359-5154, email: [tkulakowsk@pa.gov](mailto:tkulakowsk@pa.gov), at least 14 days prior to initiation of the injection operation to schedule a joint field survey evaluating environmental soundness of the facility. If you have any questions please call or email me.

Tom Kulakowski

Professional Licensed Geologist  
PA Fish and Boat Commission  
450 Robinson Lane, Bellefonte PA 16823  
E: tkulakowsk@pa.gov  
P: (814) 359-5154  
F: (814)359-5175



**Windfall Exhibit 1.pdf**

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** "Frank Hanzel" <hanzelf@aol.com>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/12/2012 07:46 PM  
**Subject:** Injection Well in Brady Township

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Please put the injection well farther away from people.

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** "ERIC SUZANN RENSEL" <rensels@windstream.net>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/12/2012 06:44 PM  
**Subject:** Proposed injection well DuBois, PA

---

Steve Platt,

I want to thank you and your staff for the professional manner in which the meeting was conducted on December 10, 2012, at the Luthersburg Community Center regarding the proposed class II injection well on Highland Street Extension in DuBois, PA. Emotion over this situation is high.

I want to share my concerns about this permit as well, as I elected not to speak at the meeting.

- My concern is not so much the potential failure of the injection well, although that is always an unknown possibility, but rather with what I consider a much more likely threat, vehicle accidents and spills at the surface in this residential area. Looking at the history of events and violations, almost all are surface events. In remote areas there is still harm to the immediate area, but it does not have near the impact as if something of this nature would happen in a residential area, with folk's drinking water wells in the immediate area.
- I was very concerned that the EPA was not aware of the old mine shafts under the very area where the injection well was proposed. I was glad that many citizens came prepared to share this information.
- Geologic faults in the immediate area.
- Old gas wells in the immediate area.
- I agree with the many who voiced their opinion that injecting brine waste underground is antiquated technology, but it is less expensive than newer and cleaner technologies, thus the push.
- NorthCentral PA has more than once been dumped on by big money. We are finally beginning to recover - our forests have regrown, and many of our streams will once again hold life (at the cost

- of millions to fix the mess that remained after big money up and left).
- As you and your staff looked around the audience at the many impassioned faces of rural Pennsylvania, I hope you all realized that we are tired of having to fight big money (with what little money we have). The audience of 200+ NIMBYs are quite literally of the **Not In My Back Yard** club. Please review all the vital information that was not presented in the permit application and make the decision to protect this residential area from such an unnecessary and antiquated technology - there are better ways and certainly better locations.

Mrs. Atkinson presented a clear and concise argument with all the permit deficiencies that should make your decision in this matter very easy - deny the permit.

Thank you for this opportunity to comment,

Eric Rensel  
435 Anderson Creek Road  
Rockton, PA 15856

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** "Wilson, Kristy" <KLWilson@drmc.org>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/13/2012 10:01 AM  
**Subject:** Testimony in regards to proposed injection well Clearfield County, PA

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**Kristy L. Wilson**  
**83 Deer Lane**  
**Du Bois, PA 15801**

**S. Stephen Platt**  
**Office of Drinking Water &**  
**Source Water Protection**  
**1650 Arch Street (3WP22)**  
**Philadelphia, PA 19103**

**December 11, 2012**

**Dear Mr. Platt:**

**Thank you for hosting the public hearing on December 10, 2012 at the Luthersburg Community Center, Brady Township, Pennsylvania. I appreciated the opportunity for our local leaders and residents to speak their questions and concerns. My family lives within a ½ mile of the proposed injection site, and the possibility of the approval of this injection well is very distressing as our family and neighbors use well water as our primary source of drinking water. I am sorry that I was unable to give testimony on December 10, but I would appreciate if you would consider this letter my testimony and address my concerns.**

**I appreciate that in your many years of experience you have never seen injection wells leak into drinking water; however, I would like to point out that the Zelman #1**

**well would be the first injection well located in a residential area. Also, despite the fact that in 30 plus years you've never seen the injection wells leak, what can we expect to happen in 200 years? Our future generations will possibly be poisoned by this brine because the concrete can not last forever. Please explain the long-term strength and performance of concrete and if an earthquake like Youngstown, OH occurs will the injection well structure be strong enough to withstand the magnitude of the earthquake?**

**On December 10, 2012, you heard testimony of my neighbor, Terry Lawson. He explained that gas drilling has disrupted his well from producing water in the past. Can the EPA guarantee that when the well is drilled and constructed that none of that pressure will disrupt the water well production of my family or neighbors? We rely on our wells not just for drinking water, but also for bathing, washing clothing and flushing our toilets. We can not live with even the smallest interruption or decrease in production. Please address this issue.**

**Unfortunately, Central PA has become a dumping ground. Not only for the majority of New York's trash, but Clearfield County already has an injection well in Bell Township. Recently when the well failed, the oil company chose to continue to dispose waste into it. Since the federal, state, and local governments can not be there monitoring these injection wells 24/7, it does not make sense to locate them in residential areas. It is my understanding that the Zelman #1 well would be the first in PA in a residential area. If this permit was approved, you would be sending a message that people don't matter. My husband and I have worked very hard to buy our home and it is our only asset. If the proposed injection well were approved, the value of my property would decrease significantly and I would not be able to sell my house for the value it was worth before the injection well was built. And if the well is built, I would like to move. Gas and oil companies have millions of dollars. If these companies choose to use fracking as a method for drilling, they should be required to treat the water to make it safe. I am in agreement with the Clearfield County Commissioners. The water needs to be treated and recycled. Not pumped into the Earth.**

**On December 10, 2012, you heard from our local leaders and all of them are in agreement. The Zelman #1 injection well would be a detriment to our community. The approval of this well would make a negative impact on the quality of life of my family and neighbors. I urge you to reject the permit to place an injection well in the residential area of Highland Street Extension, Brady Township, Pennsylvania. Let's keep Highland Street Extension Neighborhood a clean, safe, quiet community where children can play and enjoy life without the fear of poisoned water, earthquakes, truck traffic and loss in property values. Thank you for your time and consideration.**

**Sincerely,  
Kristy L. Wilson**

**----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----**

**From:** Sheryl DeBoer <bradytwp@hotmail.com>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/12/2012 03:35 PM  
**Subject:** Brady Twp injection well recommendation

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**EPA letterDec.doc**

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** Duane Marshall <mrdewy@yahoo.com>  
**To:** highlanddiw@yahoo.com  
**Date:** 12/11/2012 04:10 PM  
**Subject:** [POSSIBLE SPAM] Testimony for Elk County, Highland Township

---

**Here is what I am submitting tonight for the public hearing in  
Elk County, Highland Township.**

**Sincerely,  
Darlene Marshall**

**Duane & Darlene Marshall  
1070 Highland Street Extension  
DuBois, PA 15801  
mrdewy@yahoo.com**



**Testimony\_Darlene\_Highland\_Township.pdf**

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** John Sobel <jsobel@clearfieldco.org>  
**To:** KarenD Johnson/R3/USEPA/US@EPA, Steve Platt/R3/USEPA/US@EPA, Joan  
McMillen <jmcmillen@clearfieldco.org>, Mark McCracken  
<mmccracken@clearfieldco.org>  
**Date:** 12/14/2012 09:38 AM  
**Subject:** RE: deadline for written comment in regard to Brady Injection Well

---

Hi Karen:

Thank you for your kind consideration and extension of the public comment period. We appreciated the opportunity to speak on Monday.

John

Sobel

**From:** Johnson.KarenD@epamail.epa.gov [mailto:Johnson.KarenD@epamail.epa.gov]  
**Sent:** Friday, December 14, 2012 7:00 AM  
**To:** Platt.Steve@epamail.epa.gov; John Sobel; Joan McMillen; Mark McCracken  
**Subject:** Re: deadline for written comment in regard to Brady Injection Well

Dear Mr. Sobel,

Thank you for your interest in the proposed UIC Permit in Clearfield County. Based on your request for the extension and a similar one in Elk County we will agree to extend the public comment for this permit until December 31, 2012, as we did for Elk County. I hope to update the WEB site with these extensions today, but it may be until Monday before they can be posted. Again thank you for your participation Monday evening on behalf of Clearfield County.

Sincerely,

Karen D. Johnson, Chief  
Ground Water & Enforcement Branch

From: Steve Platt/R3/USEPA/US  
To: KarenD Johnson/R3/USEPA/US@EPA  
Date: 12/13/2012 05:02 PM  
Subject: Fw: deadline for written comment in regard to Brady Injection Well

Karen,  
Here's a request from the Clearfield County Commissioners to extend the comment period. I'll let you reply, but I guess since we did it for Elk County we might as well also extend it for Clearfield County. I guess we'll also need to amend the public notice on our web site.

S. Stephen Platt  
U.S. EPA, Region 3  
Ground Water & Enforcement Branch (3WP22)  
1650 Arch Street  
Philadelphia, PA 19103  
215-814-5464

----- Forwarded by Steve Platt/R3/USEPA/US on 12/13/2012 05:00 PM -----

From: John Sobel <[jsobel@clearfieldco.org](mailto:jsobel@clearfieldco.org)>  
To: Steve Platt/R3/USEPA/US@EPA  
Cc: Joan McMillen <[jmcmillen@clearfieldco.org](mailto:jmcmillen@clearfieldco.org)>, Mark McCracken <[mmccracken@clearfieldco.org](mailto:mmccracken@clearfieldco.org)>  
Date: 12/13/2012 02:25 PM  
Subject: deadline for written comment in regard to Brady Injection Well

Hello Mr. Platt:

On behalf of the Clearfield County Commissioners, we would ask that the period of time for written comment in the above matter be extended beyond the 17<sup>th</sup> of December so that the City of Dubois and its' associated organizations concerned about the above have enough opportunity to properly express their positions in detail. We understand that they have asked for the same.

Thank you for your time and for giving us the opportunity to address the EPA.

Respectfully,

John Sobel

Clearfield County Board of

Commissioners

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** Kristy Wilson <kiwilson220@yahoo.com>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/14/2012 02:56 PM  
**Subject:** Clearfield County, Brady Twp proposed injection well

---

Eric Wilson  
83 Deer Lane  
DuBois, PA 15801

S. Stephen Platt  
Office of Drinking Water &  
Source Water Protection  
1650 Arch Street (3WP22)  
Philadelphia, PA 19103

Dear Mr. Platt,

Please reject the proposed injection well for Brady Township, Clearfield County. I realize that you do not have the choice of sites for injection wells, but it is my understanding that you do have the authority to deny this permit application. These type of toxic wells should not be located near any source of drinking water. All of the homes in the Highland Street Extension area use well water as a source of drinking water. As you know, injection wells are linked to earthquakes and I fear that an earthquake could cause the injection well structure to leak and if it leaks it will affect the well water of my family and neighbors that live in the village on Highland Street Extension. I know that your agency thinks these wells are safe since in 30 years they have not leaked into any other sources of drinking

water, but this would be the first injection well in Pennsylvania that would be located in a residential area. And I don't think that 30 years is a long enough time to use as a benchmark. Concrete cracks and steel pipes rust and erode over time. I have plans of passing my home onto my children and grandchildren in the coming years. Do you have any studies to show that the water wells in our neighborhoods will still be uncontaminated in the the year 2075?

In addition, I fear that the pressure of construction the injection well will affect the production of my water well. My neighbor said that gas drilling has affected his well. My wife and I have two children and we can not live without water to bathe, wash clothing and flush toilets. Also after the well was built and being injected with poisons the pressure of the injection could also have a negative impact on our well water production.

Please reject the application permit for an injection well in Brady Township, Clearfield County. Thank you. Please consider if you would want your children living next to a toxic waste well.

Sincerely,  
Eric A. Wilson

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

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**From:** "Tim Keister" <tek@prochemtech.com>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/14/2012 03:33 PM  
**Subject:** Proposed Zelman #1 Injection Well - Letter of Objection

---

Mr. Platt,  
Attached please find my letter objecting to this proposed injection well and supporting documents. Hard copy was mailed today.  
Thank you,



Timothy Keister, CWT **Injection well objection letter 1212.doc** **Aquifer Pollution 1212.doc**



**Frac production wastewaters as received 1112.doc**

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

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**From:** "Tim Keister" <tek@prochemtech.com>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/14/2012 03:38 PM  
**Subject:** Zelman Injection Well

---

Mr. Platt,  
Oops, forgot to attach this tech paper on alternative technology to injection wells. Hard copy was mailed



today.  
Thank you,



Timothy Keister, CWT **IWC 12-72 Paper.pdf**

**----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----**

**From: TED AND RONA <ronated@comcast.net>**  
**To: Steve Platt/R3/USEPA/US@EPA**  
**Date: 12/15/2012 11:58 AM**  
**Subject: TESTIMONY ON THE ZELMAN#1 INJECTION WELL**

---

DEAR MR. PLATT, WE HAVE SOME MORE INFORMATION CONCERNING THE PROPOSED INJECTION WELL ,ZELMAN#1, IN BRADY TOWNSHIP, HIGHLAND ST. EXT., DUBOIS,PA. 15801.

WE LIVE AT 1500 HIGHLAND ST. EXT, RIGHT ACROSS THE ROAD FROM THE ZELMANS. AS YOU MAY ALREADY KNOW OF SOME OF THE COAL MINES IN THIS AREA, WE FEEL YOU SHOULD ALSO BE AWARE THAT THEY SPREAD OUT OVER A VAST AREA IN THIS PART OF THE STATE. NEXT TO OUR PROPERTY THERE IS AN AIR SHAFT FROM THE NO.2 SHAFT MINES IN THE "Y" IN THE RAILROAD THAT IS NOW ABANDONED AND RUNS UNDER THE BRIDGE ON HIGHLAND ST. EXT. THERE ARE MANY OF THESE AIR SHAFTS IN THE SURROUNDING AREA AND COULD BE A POTENTIAL PROBLEM.

MR. HOOVER OF WINDFALL OIL AND GAS STATED THEY WILL BE DRILLING THROUGH THE VERY AQUIFER THAT SUPPLIES US WITH OUR WATER. DO YOU REALIZE WHAT THIS WILL DO? WE WILL NO DOUBT LOSE OUR WATER FOR A WHILE OR PERHAPS LONGER. HOW SAFE DO YOU THINK THAT MAKES US FEEL? WE CAN'T EMPHASIZE ENOUGH THE FACT THAT WE ARE A VILLAGE/RESIDENTIAL AREA.

YOU ARE SUPPOSED TO BE THERE TO PROTECT US FROM THIS THREAT TO OUR RIGHTS AS AMERICANS. PLEASE REJECT THIS PERMIT, FOR THE SAKE OF OUR SAFETY AND OUR RIGHT TO HAVE WATER AND FOR THAT WATER TO BE SAFE FROM, GOD ONLY KNOWS WHAT KIND OF POLLUTANTS.

MR. HOOVER WANTS TO RIDE THE WAVE OF MAKING A LOT OF MONEY AT THE RISK OF RUINING EVERYONE IN THIS AREAS LIVES. KEEP IN MIND THAT THE DECISION THAT YOU MAKE WILL AFFECT ALL OF US LIVING HERE IN THIS AREA.

YOU SEEM TO BE OPERATING UNDER A "OOPS" LAW. JUST GRANT THEM A PERMIT AND WHEN SOMETHING GOES WRONG IT WILL BE "OOPS", HERE'S YOUR FINE AND IN THE MEAN TIME OUR LIVES WILL HAVE BEEN DESTROYED.

THERE SHOULD BE SOME COMMON SENSE IN A DECISION THAT AFFECTS SO MANY PEOPLE. AGAIN, PLEASE REJECT THIS PERMIT.

SINCERELY, TED AND RONA CRYTSE

**----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----**

**From:** Duane Marshall <mrdewy@yahoo.com>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/15/2012 08:49 PM  
**Subject:** Testimony for RE: UIC Permit PAS2D020BCLE (Windfall/Zelman)

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The original of this email is being sent in the mail.

December 15, 2012

Mr. Stephen Platt, EPA Region III  
Ground Water & Enforcement Branch  
Office of Drinking Water & Source Water Protection (3WP22)  
1650 Arch Street  
Philadelphia, PA, 19103

RE: UIC Permit PAS2D020BCLE (Windfall/Zelman 1)

Dear Mr. Platt,

This letter is to add to our testimony presented and submitted on December 10, 2012 at the EPA Public Hearing Well proposed for Brady Township, Clearfield County.

1 - Please extend the deadline for submitting comments since we need to submit the Casselberry report for the details on the coal mines that we received from the DEP. We also believe additional information is available and the medical field needs to weigh in on this testimony.

2 - Extending the deadline for public comments is also important because we have asked Brady Township su ordinance. They may or may not enact a local ordinance but the community would like to know what the EP/ will not override local ordinances." Knowing you were out on the road last week, I waited to call the EPA of response yet to my call.

3 - Neighbors living behind us near the Carlson deep gas well, who are outside the 1/4 mile Area of Review, t gas well being drilled less than a mile away. We believe residents on #2 Shaft Road and Route 219 could be c well is improperly plugged and their water could become contaminated. Two water sources behind my house affected by this gas well drilled near Kennedy's so we assume that potential water contamination near our hon homes at the end of #2 Shaft Road or those on Route 219. It was stated when the gas well was drilled it affec well is a really great supply of water and supplies at least two homes endlessly. This gas well is probably with gas well that is plugged and our water wells.

3 - We need to stress what Brady Township Supervisor, Mr. Muth, stated, "we know this area is already saturated with drilling. We need a person with drilling background. The gas well on Atkinson's property when in operation they had to daily test it."

4 - Brady Township Engineer, Wilson Fisher, believes an impact study for NEPA (National Environmental Policy Act) is needed.

5 - Brady Township Engineer, Wilson Fisher, wants further research done on mineral rights in the area. The ownership of subsurface rights is a concern.

6 - Driller complacency is a concern as we saw on December 10, 2012. That this is just a "hole in the ground" statement. A participant on December 10 talked to Mr. Hoover and asked about how Windfall would know the location of the waste, which Mr. Hoover responded that, "this is a dice game." Residents don't want anyone gambling with their lives.

7 - We know drillers and stories that tell us we should be concerned. People with drilling experience spoke at our meetings with our research. They have major concerns and some of them live in the affected area.

8 - The Pittsburgh Post Gazette explained recently more studies need to be done on disposal injection wells, especially by a hydrologist. (See the attached news article from December 12, 2012)

9 - Residents have received information on the PA DEP application this week from Windfall Oil & Gas. Their questions and needs reviewed more in depth especially on the answers to questions on the coal mines in the area that are within 1000 feet.

All the above facts will take further time to study the effects on underground sources of water (USDWs). An assessment should be completed. We should have time to respond to the driller with local information and not be forced to include all the facts.

Sincerely,

Duane & Darlene Marshall

**Duane & Darlene Marshall**  
**1070 Highland Street Extension**  
**DuBois, PA 15801**  
**mrdeewy@yahoo.com**



**glenn\_schuckers\_12\_2012.jpgd\_bonavita\_12\_2012.jpgPittsburg Post-Gazette\_12\_12\_12.rtf**



**Testimony\_Darlene\_follow-up\_12\_15\_2012\_final.doc**

**----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----**

**From:** "Randy Baird" <fairway08@windstream.net>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/16/2012 05:26 PM  
**Subject:** [Possible VIRUS!] Hearing Testimony---Thank You

---

Dear Mr. Platt,

Here is the electronic copy of my Hearing Testimony and Permit/Application questions for the Proposed Zelman#1 injection well in Brady Twp., Clearfield County, Penna. (Permit #PAS2D020BCLE) Gave you a hard copy last night at the hearing.

Had a little trouble getting the correct email for you but finally got that straightened out.

I would also like to say thank you all for coming to Brady Twp. last night. I know your job is not an easy one and I can appreciate what your office must go through on a daily basis. The EPA takes a lot of criticism but I can't imagine where we would be without any control and oversight of the many crucial environmental issues facing our state today.

Again, please thank those involved in the hearing for me and thank you.

Sincerely,  
Randy Baird  
1273 Highland Street EXT.  
DuBois, Pa. 15801



ph.# 814-583-7180 **Testimony for EPA Hearing II.odt**

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** KarenD Johnson/R3/USEPA/US  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Cc:** Roger Reinhart/R3/USEPA/US@EPA  
**Date:** 12/17/2012 09:43 AM  
**Subject:** Fw: High Pressure well discussed at Lutherburg

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**Sorry- Thought this was Seneca, but it is Windfall**

**Karen D. Johnson, Chief  
Ground Water & Enforcement Branch**

----- Forwarded by KarenD Johnson/R3/USEPA/US on 12/17/2012 09:41 AM -----

**From:** Murray Miller <murray1381@hotmail.com>  
**To:** KarenD Johnson/R3/USEPA/US@EPA  
**Date:** 12/15/2012 12:29 PM  
**Subject:** High Pressure well discussed at Lutherburg

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Dear Ms. Johnson,

I just read a column about your meeting in Luthersburg, PA.

It really is incomprehensible to want to drill this well on a hill with people living below. But if someone does such a thing, I would like to suggest that water with a dye in it or some other harmless material be put in the well first so that it can be traced to see where it goes.  
Thank you.

Murray R. Miller  
Philaelphia

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** ggilmore@comcast.net  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/17/2012 12:26 PM  
**Subject:** Brady Twp injection well

---

Hi Steve, I am Gary Gilmore who lives at 9055 Coal Hill Road in Luthersburg, about 4 miles away from the proposed injection well site in Brady Twp. I wish to make several comments.

1. This injection well is designed to force spent drill fracking fluids into a formation that was previously drilled for natural gas extraction. This formation has been perforated over the decades with numerous gas wells, some plugged and others still producing. The fluids forced into this proposed injection well will follow the path of least resistance and only time will tell where those paths lay. Hopefully the fluid will stay within the intended formation but over the years it could travel miles from the injection site.

Will all the plugged and producing wells within a five mile radius of the injection well be monitored? Well casings do not last forever, especially where they encounter corrosive water when they are drilled through coal seams. Every gas well drilled around here encounters a coal seam. As these well casings fail over the decades, is the company running this injection well willing to take on the responsibility of replugging these leaking wells?

2. The fluid injected into this well will spread outward from the zone of injection. Pennsylvania law recognizes separate sub-surface rights that are lumped into two categories. One category is mineral rights that include coal, clay and stone. The other category is gas and oil. As this fluid is injected underground, it will move from one property owner's parcel and onto another. The presence and pressure of this fluid may even prevent the development of a resource due to contamination of that resource by the injected fluid.

For example, the gas rights on an property adjacent to the injection well is under lease to EXCO. EXCO drills a well and finds fluid from the injection well contaminating their well. Is it even legal to allow this to happen? Another example. The coal under a property three miles away is being deep mined. There is an old gas from the 1970s that was drilled into the formation that the injection well is pumping into. The coal mine leaves a buffer around this well, but a faulty casing allows the injection fluid to seep or pour into the deep mine. The owner or developer of those coal rights has now been adversely affected by the actions of the injection well. Who's rights are being impacted?

3. Are the owners of the subsurface gas/oil rights being compensated for taking in this fluid? By law, if natural gas is extracted from your property, you must be paid.



Anything less is theft. Is Windfall paying the owners of the adjacent gas/oil rights for permission to pump fluid into their gas formation?

4. This injected fluid will follow the path of least resistance. This area is heavily populated, hundreds of gas wells have been drilled over the past 60 years and there are miles of tunnels under our feet where coal was extracted. If there is a path of least resistance to this pressurized fluid that comes to the surface it will quickly be found. It may take a decade of pumping before this happens and it may never happen, but I am not willing to bet on it.

Gary Gilmore

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** honey0510@comcast.net  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/17/2012 03:30 PM  
**Subject:** UIC Permit PAS2DO20BCLE(Windfall/Zelman1)

---

The large attendance and testimony of county and local municipal officials and Brady Township property owners at the December 10th public meeting held on the proposed Winfall/Zelman 1 deep injection well shows that area people have years of expertise and science-backed knowledge regarding the land beneath our feet.

Please put my comments on record. Although I am a current DuBois City Councilwoman, I am submitting this as an educated and intensely concerned resident. The City of DuBois had 2 geologic reports done in 1958 and in 2010 on land in our watershed. The 1958 report completed by geologists Roberts and Hessin of Coudersport, PA, determined the advisability of drilling gas wells in the watershed. This study realized the relationship of present development to the geology of the watershed area and to the position of wells on adjacent tracts. It states "The first major fault was discovered in the Luthersburg area extending northeast into the Home Camp area .From this point northeastward, its exact position is questionable. It is a reverse, high angle fault with the Oriskany structure 400 feet higher on the northwest of this fault than on the southeast side. The faulting is quite extensive along the eastern flank with a gradual reduction further west." In other words, the major fault line starts in Brady Township, goes under DuBois, and ends in Sandy Township about 7 - 10 miles away from the purported starting point.

So what does this say about the proposed injection well site in land adjoining the City of DuBois watershed? Should injection wells be allowed on major fault lines, let alone fault lines that cross municipal boundaries? Because the applicant stated that the nearest fault line to the proposed well is a quarter mile away, I sincerely question what studies or maps he was using for reference or his true understanding that the quarter-mile away might also be one-sixteenth of a mile away as the exact beginning and end points of the fault can not be determined with 100% accuracy.

The 2010 geologic report was developed to suggest protection of the City of DuBois watershed in light of Marcellus shale activity, and to help the City identify sites for drilling water wells along Home Camp Road. Ironically, the 2010 geologic report

completed by geologist Jim Castleberry of Williamsport, PA, discusses the reported 47 gas wells drilled in the late 1950's on the watershed and the risk associated with the development of Marcellus shale activities to this area now. The Castleberry report states that "There is essentially no barrier between the Marcellus and these old Oriskany wells. Given the age of the deep wells and questionable plugging practices, there is a high potential for the Oriskany wells to serve as a relief point for a Marcellus frac." In other words, pressure in one adjacent area could blow-out the old wells causing contamination to our water resources.

When a seismic testing company approached the City of DuBois in 2011, geologist Jim Castleberry was asked to develop safeguards or standards to follow should this testing occur on or very near our watershed, reservoir and water wells. The reservoir watershed is 26.7 square acres of which the City owns surface rights on 7 square acres. The City has declined seismic testing on its land, but we have standards in place should this occur.

The City of DuBois has spent huge money in investment for water protection and development of a secondary water source via the drilling of water wells. In addition to hiring a geologist, the City hired an engineer to oversee the water well project, and has spent hundreds of manpower hours in this project. We are observant of the fault lines and 6 acres of old coal mines catacombed beneath us. We know we have been left with abandoned, old gas wells in disintegrated state. We work to reclaim waterways around the City of DuBois like Sandy Lick and Pentz Run that form the recreational borders of our municipal park system. We have spent years of volunteer hours and money rectifying what other company owners did to our waterways. I know as I remember when these waterways ran red/orange from acid mine drainage. I assure you that the work is all uphill and far from complete in our area.

Please do not allow another layer of pollution to destroy our land. Please reject the Windfall application and say NO to this archaic and harmful practice of injecting liquid waste into our land. Thank you.

Sincerely,

Diane Bernardo  
8 Tower Lane  
DuBois, PA 15801  
814-371-4210

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:11 PM -----

**From:** brickie3@comcast.net  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/17/2012 03:31 PM  
**Subject:** Additional Testimony

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December 15, 2012

Mr. Stephen Platt, EPA Region III  
Ground Water & Enforcement Branch  
Office of Drinking Water & Source Water Protection (3WP22)  
1650 Arch Street  
Philadelphia, PA, 19103

RE: UIC Permit PAS2D020BCLE (Windfall/Zelman 1)

Dear Mr. Platt,

This letter is additional testimony for the Zelman #1 Injection Well proposed for Brady Township, Clearfield County.

We respectfully request you extend the deadline for submitting comments since we need to submit additional information like the Casselberry report concerning abandoned gas wells in the DuBois watershed area along with additional details on the coal mines that we have.

It was stated at the EPA public hearing, "we know this area is already saturated in the Oriskany." This concerns us with the comments by the driller to that this is just a "hole in the ground to pump waste" and a statement to a participant on December 10 from Windfall that, "this is a dice game." My home is feet from the proposed site and our lives depend on our water. We are against anyone gambling our water sources, our homes, our health and our lives.

The Brady Township Engineer, Wilson Fisher, believes an impact study for the National Environmental Policy Act is required to be completed. We are also researching information presented on the mineral rights in the area and what legal implications this proposed disposal injection well will have on our area.

After news coverage by the Pittsburgh Post-Gazette this week that explains additional concerns we want further time and research. When one of your own states concerns with where the waste will go and they are an EPA hydrologist we should all take note.

This week we received a packet on the PA DEP application from Windfall Oil & Gas. We need a meeting with DEP to understand what these implications have on our home and what this information means. Many things don't add up in the packet we received for the PA DEP application. Some things we know are that the coal mines are within 1000 feet.

The items mentioned have an effect on underground sources of water (USDWs). We deserve time to respond to the driller with local information and all the facts are needed before any decision is made. Our future matters and we should be given more time than a few days to think and understand everything we are learning. The PA DEP information states we have fifteen days yet if we lose our water the PA DEP gets forty-five days.

We believe on December 10, 2012 we provided enough facts and testimony to deny this application. Please deny the application now and stop this from going into a residential area.



Sincerely,



Randall & Valerie Powers **Testimony\_Powers\_follow-up\_12\_15\_2012\_final.doc**

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:10 PM -----

**From:** "Randy Baird" <fairway08@windstream.net>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/17/2012 04:49 PM  
**Subject:** Brady Injection Well Testimony

---

Dear Mr. Platt,

Please add this enclosed Testimony to my Hearing Testimony of the 10 of Dec. for the Brady Twp. Proposed injection well Draft Permit app. # PAS2D020BCLE.

Thank you very much.

Sincerely,

Randall R. Baird Sr.



**Additions to Hearing Testimony.odt**

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:10 PM -----

**From:** William Granche <billgranche@gmail.com>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/17/2012 05:03 PM  
**Subject:** Brady Township Injection Well

---

**These aren't safe. The evidence is in, and for sure, we need to ban them where ever people need water. Yes, everywhere.**

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:10 PM -----

**From:** nanmoore13@verizon.net  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/17/2012 08:16 PM  
**Subject:** Winfall-Hoover Zelman well on Highland Street

---

First I want to thank you for extending the date to accept testimony voicing our concerns with the siting of the Winfall Hoover Zellman waste injection well in a residential area. As we have stated previously the well would be in direct conflict with the comprehensive plan adopted jointly by the City of DuBois, Sandy Township Brady Twp. Huston Twp and Falls Creek Borough. This plan

designates the Highland St. area as a Village, which reflects the development as it exists. (note the maps).

The Highland Street Proposed injection well presents a unique situation. It would be a first such well in a residential area serviced by on site wells and septic systems. It would be the first with the potential to effect the water reservoirs and wells serving multiple municipalities.

Act 13, which took away the rights of local municipalities to govern their own land development, is in litigation. The state Supreme Court sent it back to the lower court with some positive findings for municipalities. Wouldn't it be wise to wait.

Yet to be resolved is the rights of sub surface owners. There is the issue of trespass. It is interesting that the Texas supreme Court very recently said that injury is not necessary to prove trespass.

Geisinger Medical Center in Danville, Pa. has begun a study of the health effects of industry fracking. Dr. David Carey, associate chief resource officer of the Geisinger Health Systems, which provides care for more than 2 million Pennsylvanians, and Dr. Paul Simonelli, the systems director of thoracic medicine, lead the study. They have long and short term goals. The short term goal is to take a quick look at whether air pollutants associated with drilling are affecting people with asthma and other lung problems.

The Geisinger study appears on their web site and in the media.

Now the industry is seeking Coast Guard approval to put waste water on barges and transport it on the river in Pittsburgh, Wheeling, W.Va. and Pittsburgh are among the cities that use the Ohio River for drinking water. (See Pittsburgh Post Gazette 12/16/2012 for more information and responses from the Coast Guard).

On site recycling and recycling plants are the better ways to go. The technology is there and plants are being built and some are up and running in Pennsylvania. They are providing good jobs.

The industry should want to be responsible and the state should demand it. More expensive yes but cheaper in the long run.

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:10 PM -----

**From:** MICHAEL MENNITTI <wideglide05@verizon.net>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/17/2012 09:40 PM  
**Subject:** Highland Street Extension Injection Well

---

Mr. Platt,

My family owns property next to the proposed well site, which is the other half of the Campbell farm. Frank Zelman is my cousin and the one bought our grandparents home and property after our grandparents passed. I am very concerned about the safety of this well. My property has 3 good springs that feed a pond in center. There is a old gas well drilled less than a hundred yards north east of the pond. Since the bank owned the mineral rights to this property my grandfather had no say in these wells being drilled, but he was assured that it was safe! This was 40 years ago when I was a kid who spent almost every weekend on the farm. One thing we did was catch fish from a nearby pond to stock ours. One weekend we went back to our pond to fish but found all the fish were floating dead. We found a white substance on ground that led back to the well. So much for it being safe and the three springs on our property end up flowing into Sandy Lick creek above the Dubois mall. As close as the two wells they placed on my grandfathers farm are I'm sure what you pump down one can very easily come out the other. I'm expressing my concerns because my brother and I would like to put a camp on our property and would like the springs to be safe to use for water and the pond safe to swim in!

Sincerely,

Michael Mennitti  
229 4th St.  
Reynoldsville, PA 15851  
wideglide05@verizon.net

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:10 PM -----

**From:** "Mike Hoover" <mhoov16@verizon.net>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Cc:** Dave Rectenwald/R3/USEPA/US@EPA  
**Date:** 12/20/2012 03:07 PM  
**Subject:** UIC permit # PA2D020BCLE; Windfall Oil & Gas

---

Mr. Platt,

Please find attached a word document with information regarding some of the testimony provided at the public hearing.

Thanks

Michael Hoover  
Windfall Oil & Gas Inc.  
P.O. Box 738  
Falls Creek, PA 15840  
814-771-9686



[mhoov16@verizon.net](mailto:mhoov16@verizon.net)ZELMAN public hearing testimonial.docx

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:10 PM -----

**From:** "James & Cheryl Vida" <jandcvida@windstream.net>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/22/2012 09:22 AM  
**Subject:** Highland St injection well

---

**Hello Mr Platt**

**I own a home about 1/2 to 1 mile from this proposed injection well. My water well is 300 feet deep. I am very concerned that this well has the potential to contaminate my only supply of water. I really believe that the risk of underground contamination of local water wells and who knows where else this toxic water could travel to, is far greater than the reward. There needs to be a better way of dealing with the frack water than dumping down a well under pressure and hoping nothing happens. I know you have already been presented with alot of data so there is no need to go. I really hope this well is not permitted and my family can have peace of mind when using our water.**

**Sincerely**

**James V. Vida**

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:10 PM -----

**From:** "Rick & Marianne Atkinson" <marianne5@windstream.net>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/27/2012 08:42 PM  
**Subject:** Additional Comment for Windfall/Zelman #1 DIW Permit # PAS2D020BCLE

---

Additional comment is **attached** from Marianne Atkinson for the Windfall/Zelman #1 DIW ~ Permit # PAS2D020BCLE.

**Subject:** Deep Mines (Subsurface Mines) in Area of Review & Breaching into Deep Mines

Marianne Atkinson  
221 Deer Lane  
DuBois, PA 15801

814-583-7926

[marianne5@windstream.net](mailto:marianne5@windstream.net)

Deep mine details are in the Dropbox section below.

Marianne used Dropbox to share some files with you!

Message from Marianne: "I am using a new feature of Dropbox that lets me share large files without the other party having to download the Dropbox program. These files are way too big to send by email.

These files are maps that show the details of the deep mines that go from Brady Township, across Sandy Township and the City of DuBois and then clear to the DuBois Mall in Sandy Township again.

The 2 folders at the top have several maps in each showing details of the deep mines. **The map showing the deep mines within the Area of Review can be found in this folder: "0609 DuBois Shaft 2". Then click on the map ending in 010. This map is also displayed when you initially open the folder.**

The other files are miscellaneous overview sections of deep mines in the DuBois area that are not as detailed.

*h* <https://www.dropbox.com/sh/436FujiSabr177f/MxmIJpWENs>  
Click here to view Deep coal mines-#1 & #2 Shafts-DuBois, PA.

© 2012 Dropbox



**2012-12-27 Deep Mines.pdf**



----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:10 PM -----

**From:** Bonnie Hay <belh@verizon.net>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/29/2012 01:32 PM  
**Subject:** Comment on permitting of new injection wells in PA

---

Comment on permitting of new injection wells in PA:

As a Pennsylvania resident I urge you to protect the quality of our aquifers and to deny permits for new injection wells in PA. These waste disposal wells force toxic fluids, which are carcinogenic and radioactive, underground, polluting our aquifers and water wells. Injection wells have also been linked to earthquakes in Ohio, Arkansas and elsewhere around the country. I would like to be informed of decisions made by the EPA on this topic.

Sincerely,  
Bonita Hay  
Wyncote PA 19095

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:10 PM -----

**From:** honey0510@comcast.net  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/30/2012 08:07 PM  
**Subject:** UIC Permit PAS2DO20BCLE(Windfall/Zelman1)

---

Hi Steve. Enclosed attachments include a report requested by the City of DuBois in 2010 from geologist Jim Cassleberry of Cassleberry & Associates, Groundwater Geologists, a 1958 study requested by the City of DuBois from Roberts & Hessin, and a 2011 letter requested by the City of DuBois from Jim Cassleberry regarding seismic testing recommendations/safeguards. Please accept these documents which should have been included in my 12-17-12 comments. Thank you.

Diane Bernardo

**From:** honey0510@comcast.net  
**To:** "platt steve" <platt.steve@epa.gov>  
**Sent:** Monday, December 17, 2012 3:30:51 PM  
**Subject:** UIC Permit PAS2DO20BCLE(Windfall/Zelman1)

The large attendance and testimony of county and local municipal officials and Brady Township property owners at the December 10th public meeting held on the proposed Winfall/Zelman 1 deep injection well shows that area people have years of expertise and science-backed knowledge regarding the land beneath our feet.

Please put my comments on record. Although I am a current DuBois City Councilwoman, I am submitting this as an educated and intensely concerned resident. The City of DuBois had 2 geologic reports done in 1958 and in 2010 on land in our

watershed. The 1958 report completed by geologists Roberts and Hessin of Coudersport, PA, determined the advisability of drilling gas wells in the watershed. This study realized the relationship of present development to the geology of the watershed area and to the position of wells on adjacent tracts. It states "The first major fault was discovered in the Luthersburg area extending northeast into the Home Camp area .From this point northeastward, its exact position is questionable. It is a reverse, high angle fault with the Oriskany structure 400 feet higher on the northwest of this fault than on the southeast side. The faulting is quite extensive along the eastern flank with a gradual reduction further west." In other words, the major fault line starts in Brady Township, goes under DuBois, and ends in Sandy Township about 7 - 10 miles away from the purported starting point.

So what does this say about the proposed injection well site in land adjoining the City of DuBois watershed? Should injection wells be allowed on major fault lines, let alone fault lines that cross municipal boundaries? Because the applicant stated that the nearest fault line to the proposed well is a quarter mile away, I sincerely question what studies or maps he was using for reference or his true understanding that the quarter-mile away might also be one-sixteenth of a mile away as the exact beginning and end points of the fault can not be determined with 100% accuracy.

The 2010 geologic report was developed to suggest protection of the City of DuBois watershed in light of Marcellus shale activity, and to help the City identify sites for drilling water wells along Home Camp Road. Ironically, the 2010 geologic report completed by geologist Jim Castleberry of State College, PA, discusses the reported 47 gas wells drilled in the late 1950's on the watershed and the risk associated with the development of Marcellus shale activities to this area now. The Castleberry report states that "There is essentially no barrier between the Marcellus and these old Oriskany wells. Given the age of the deep wells and questionable plugging practices, there is a high potential for the Oriskany wells to serve as a relief point for a Marcellus frac." In other words, pressure in one adjacent area could blow-out the old wells causing contamination to our water resources.

When a seismic testing company approached the City of DuBois in 2011, geologist Jim Castleberry was asked to develop safeguards or standards to follow should this testing occur on or very near our watershed, reservoir and water wells. The reservoir watershed is 26.7 square acres of which the City owns surface rights on 7 square acres. The City has declined seismic testing on its land, but we have standards in place should this occur.

The City of DuBois has spent huge money in investment for water protection and development of a secondary water source via the drilling of water wells. In addition to hiring a geologist, the City hired an engineer to oversee the water well project, and has spent hundreds of manpower hours in this project. We are observant of the fault lines and 6 acres of old coal mines catacombed beneath us. We know we have been left with abandoned, old gas wells in disintegrated state. We work to reclaim waterways around the City of DuBois like Sandy Lick and Pentz Run that form the recreational borders of our municipal park system. We have spent years of volunteer hours and money rectifying what other company owners did to our waterways. I know as I remember when these waterways ran red/orange from acid mine drainage. I assure you that the work is all uphill and far from complete in our area.

Please do not allow another layer of pollution to destroy our land. Please reject the Windfall application and say NO to this archaic and harmful practice of injecting liquid waste into our land. Thank you.

Sincerely,  
Diane Bernardo  
8 Tower Lane  
DuBois, PA 15801  
814-371-4210



**casselberry.pdf1958 study.pdfrecommendations.pdf**

**----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:10 PM -----**

**From:** "Rick & Marianne Atkinson" <marianne5@windstream.net>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/28/2012 01:08 PM  
**Subject:** 2 Additional Comments for Windfall/Zelman #1 DIW Permit # PAS2D020BCLE

---

2 additional comments are **attached** from Richard L. Atkinson for the Windfall/Zelman #1 DIW ~ Permit # PAS2D020BCLE.

**Subjects:**  
Well Drilling Specifications Overseen Jointly by EPA and PA DEP  
Injection Fluid Confinement

Richard L. Atkinson  
221 Deer Lane  
DuBois, PA 15801

814-583-7926

[marianne5@windstream.net](mailto:marianne5@windstream.net)



**Well Drilling Specifications Overseen Jointly by EPA and PA DEP.pdf**



**Injection Fluid Confinement.pdf**

**----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:10 PM -----**

**From:** nanmoore13@verizon.net  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/27/2012 09:38 PM



**Subject: Fwd: Northwest Clearfield County Comprehensive Plan**

---

Hi Steve

-At the December 10 meeting at Brady Township I asked that the Northwest Clearfield County Regional Comprehensive Plan adopted in 2009 by 5 municipalities be entered as testimony. I am forwarding the Plan and I flagged the pages that stress the village designation of the residential area of Highland Street ext. The plan recommends that future development in Brady Township continue to reflect the development as it exists along Highland Street from DuBois through Sandy and Brady Townships.

Flagged are the pages which emphasize the importance of preserving, protecting and expanding our residential neighborhoods. The plan recognizes the need for more housing. To accomplish this, the plan highly recommends against incompatible uses. The flagged pages are 2,4,5,7 and (page 10 which recommends that DEP improve drilling practices) also flagged are Pages 15,16,18,37,23 and 41.

In identifying the existing land uses it is noted that Brady Twp. has the most farm land of any of the municipalities. Brady is the only municipality that has Agricultural Security Areas.

It has been stated previously that EPA will not go against Local Ordinances. Brady does have a noise ordinance. Brady is governed by the County SALDO ordinance. Then of course there is the Regional Comprehensive Plan.

I have to ask the same question that I have asked twice in the past. Has anyone on the EPA decision making team actually walked or driven the Highland St. extension. In July I recall a no answer but an acceptance to the invitation except that the time was not right. On Dec 10 after the meeting you indicated there was not time in the morning because of other commitments.

You also said that an EPA person in think it was Titusville knew this part of Pa. I doubt that anyone in Titusville could be familiar with Highland Street Ext. without going there.

Thank you for your consideration and for the extension. It was much appreciated

Nancy Moore, 300 Green Ridge Drive, DuBois, Pa. 15801  
814-371-9711

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

**From:** honey0510@comcast.net  
**Date:** Dec 27, 2012 5:35:04 PM  
**Subject:** Northwest Clearfield County Comprehensive Plan  
**To:** nanmoore13@verizon.net



**Northwest Clearfield County Region Comprehensive Plan.pdf**

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:10 PM -----

**From:** "Randy Baird" <fairway08@windstream.net>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/29/2012 08:46 PM  
**Subject:** Additional Hearing Testimony/Questions

---

Dear Mr Platt,

Please find attached additional hearing testimony/public comment for the proposed Zelman#1 injection well, (Draft Permit #PAS2D020BCLE).

Thank you,



Randy Baird **Added, Added Testimony.odt**

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:10 PM -----

**From:** terri supowitz <tsup8@yahoo.com>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/26/2012 07:03 PM  
**Subject:** Brady Township well (Windfall oil and gas) in Clearfield Cty. PA

---

Dear Mr. Platt,

On a cold, overcast afternoon in January 2003, two tanker trucks backed up to an injection well site in a pasture outside Rosharon, Texas. There, under a steel shed, they began to unload thousands of gallons of wastewater for burial deep beneath the earth.

The waste - the byproduct of oil and gas drilling - was described in

regulatory documents as a benign mixture of salt and water. But as the liquid rushed from the trucks, it released a billowing vapor of far more volatile materials, including benzene and other flammable hydrocarbons.

The truck engines, left to idle by their drivers, sucked the fumes from the air. Before anyone could react, one of the trucks backfired, releasing a spark that ignited the invisible cloud. Fifteen-foot-high flames enveloped the steel shed and tankers. Two workers died, and four were rushed to the hospital with burns over much of their bodies. A third worker died six weeks later.

What happened that day at Rosharon was the result of a significant breakdown in the nation's efforts to regulate the handling of toxic waste, a ProPublica investigation shows. Gas and oil waste is legally considered "non-hazardous" due to exemptions:

In 1988, the EPA made it permanent, handing oil and gas companies a landmark exemption. From then on, benzene from the fertilizer industry was considered hazardous, threatening health and underground water supplies; benzene derived from wells for the oil and gas industry was not. How is this possible? It makes no sense. The EPA is supposed to protect the public and the environment. Sometimes it looks like they are doing neither. Sometimes it looks like they are an arm of the oil and gas industry.

I am urging EPA to reject permit for this well and protect the public. I also demand that the EPA require the use of radar, seismic testing, or best available technology to definitively establish ALL old oil and gas wells in the area. A paper search for 100 years' worth of old abandoned oil and gas wells is not enough.

In addition, ban all slick water horizontal tracking and the earthquake causing injection wells and protect the public. It is well known from a 1966 industry Oklahoma study that injection wells cause earthquakes and that was confirmed again by an 11 member panel of geologists and engineers in Ohio.

We need drinking water more than we need oil or gas.

Sincerely,

Terri Supowitz

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:10 PM -----

**From:** Coyne4now@aol.com  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/29/2012 06:41 AM  
**Subject:** RE: DENY INJECTION WELL PERMITS!!!!

---

Hello,

With so many alternatives, please consider NOT destroying the Earth any more then we have already done. If you only care about the money as many do that are in this industry, then at least think about your children or grandchildren that may one day have to depend on the water supply that is being contaminated. Be a part of the SOLUTION, not the problem. It takes ONE person to start a change....and it is MORE POWERFUL than anything else in this world....CHANGE.

Thank you and have a peaceful day~

Wendy Coyne

[gogreenwithwendy@gmail.com](mailto:gogreenwithwendy@gmail.com)

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:10 PM -----

**From:** "brickie" <brickie3@comcast.net>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/31/2012 09:35 AM  
**Subject:** Testimony\_Powers\_follow-up\_12\_15\_2012\_

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**Testimony\_Powers\_follow-up\_12\_15\_2012\_final.doc**

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:10 PM -----

**From:** "Alice Zinnes" <azinnes@mindspring.com>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/31/2012 01:50 PM  
**Subject:** Windfall injection well: CLEARFIELD COUNTY. Brady Township\_Please do not permit

---

I am writing to ask that the EPA NOT permit the injection of fracking flowback waste water into any wells in Pennsylvania (or anywhere for that matter). In England, Ohio, Arkansas and other places, these types of injection wells have been linked to earthquakes. For instance, in nearby Youngstown, Ohio, these types of injection wells have caused 4.0 earthquakes, and in Arkansas hundreds of earthquakes have been caused, some measuring as high as 4.7, 5.3, and 5.6. One theory is that since this waste fluid is "slick," i.e. has lubricant chemicals in it to help with the fracking process, these lubricants actually lubricate preexisting underground fault lines, thus producing earthquakes even when there is little underground geological pressure. But of course adding so much liquid must produce extra pressures as well.

Although various federal rulings have exempted flowback waste water from being classified as "hazardous," in fact it is quite hazardous. Containing benzene and other BTEX chemicals, radioactive materials such as uranium and radium, and heavy metals like arsenic, lead and cadmium, this waste fluid is far from not hazardous. And since the proposed wells are near homes, shopping malls, old and unmarked oil and gas wells and mines, as well as preexisting fault lines, it is very possible that these contaminants might leak into essential aquifers.

Before any decision is made regarding the permitting of these wells, the EPA must do thorough scientific study: For instance, it must use radar, seismic testing, or best available technology to definitively establish whether, and where, ALL old oil and gas wells are in the area. A paper search for 100 years' worth of old abandoned oil and gas wells is not enough.

The Gant Daily summarized concerns about the Brady Township well, voiced at the December

12th hearing in Dubois. Some concerns are as follows:

-- A large amount of people and Brady Township obtain water from wells in the area of the proposed injection well. A few are located within the quarter-mile high pressure zone that is supposed to have defunct gas wells plugged off.

-- Two mine shifts are located near the proposed injection well and eject water into Sandy Lick Creek near the DuBois Mall.

Fracturing production wells exist along the edges of the proposed injection well area.

Two fault lines cross areas next to the proposed injection well.

-- Old gas wells from the 1950's and 1960's are in the surrounding area of the proposed injection well. Some are located within the quarter-mile area.

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:10 PM -----

**From:** nanmoore13@verizon.net  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/31/2012 08:00 PM  
**Subject:** EPA Permit Pa S2DO2OB Brady Twp

---

Steve--You and your team made two trips to our area that I know of.

To our knowledge you have never viewed these specific sites:

1. Highland Street Through DuBois Sandy and Brady Twp.
2. The DuBois resevoir
3. The DuBois Wells,
4. The Brady Twp. Wells.
5. The DuBois Regional Medical Center of which we are very proud. It is the No. one employer in the area. How can you make a decision without knowledge of these facilities?

We question how can EPA and DEP, with the power of the federal and state government put our quality of life, and our health in jeopardy by threatening our water supply.

It appears to us, if not to your agencies that our area has been targeted once again as a garbage dump. This time liquid garbage.

Winfall, Mike Hoover, Frank Zelman (the surface owner of the property) John Brandon and Fairman, (who appear to be the owners of the subsurface rights)

are all local people who would profit from these proposed wells at the expense of the rest of the residents of the area. It is out on the street that they are planning more such wells.

It would seem that they are attempting to get this cheaper way of disposing of this liquid garbage in operation as soon as possible, even though more acceptable technology is now available which actually would add to employment in the area.

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:10 PM -----

**From:** graceann bergin <gbergin007@gmail.com>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/31/2012 03:47 PM  
**Subject:** Highland Ext. -Zelman #1 Injection Well Brady Township, Clearfield county,PA

---

Mr. Stephen Platt, EPA Region 111  
Ground Water & enforcement Branch  
Office of Drinking Water & Source (3WP22)  
1650 Arch Street  
Philadelphia, PA, 19103

Dear Mr. Platt,

I am writing to you on the Toxic Waste Well Class2 Injection Well being proposed for in Brady Township, Clearfield County, PA. refer to as Zelman#1 Injection Well. I am giving testimony against having the waste well in my neighborhood that will have the potential to contaminated the the drinking source for the city of Du Bois, where I currently live and its neighbors. (The city of Du Bois water has already been comprised with the Haloacetic Acids being above the EPA levels since 2010 according to the City of Du Bois water reports.) I would not want to take any additional risk on the safety of the drinking water. According to Dr. Tony Ingraffe of Cornell University of New York the question is not "if" but when will the well leak. The EPA, Wind Fall or the state of Pennsylvania can not guarantee that the well won't leak. Cement jobs fail and is to vulnerable to failure, that would have the potential to contaminated the water ways that supply so much water for the area: The Zelman's

property where the well is being proposed sits on aquifers that feed the sources of water in the area, including springs, streams and ground water.

Not only will there be the potential of leaks to ground water, but also the risk of earthquakes. Waste Injection Wells have been tied to earthquakes. Earthquakes can change the way water will travel, making new and different channels for water to travel through. Ohio has had since March 17, 2011, 21 earthquakes. 19 of the earthquakes in the eastern part of the state, 13 of the quakes happen in Youngstown, Ohio. The largest quake registering @4.0 happen Dec.31, 2011. A 4.0 quake can and was felt, rattling and breaking dishes, shattering windows, jilted buildings and crack some foundations, ( in an area that is not earthquake prone) and the waste injection wells were found to be the contributing factor for the earthquakes. One source to check on earthquakes and waste injection well is the LA times October 2012. the last earthquake in Youngstown was March 2, 2012.

I hope you and the other members of the EPA will have the courage and denied Wind Fall the permit for the Waste Injection Well on the Zelman property. The technology is not here yet, to stop toxic waste injection wells from leaking or causing earthquakes.

A question on the Zelman#1 well, why the #1, are you planning to grant more waste wells on the Zelman's property?

Concern Citizen Sincerely,

Grace Bergin  
216 E. Scribner Ave.  
Du Bois, PA 15801-2250

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:10 PM -----

**From:** "Jeff Zimmerman" <jjzimmerman@comcast.net>  
**To:** Steve Platt/R3/USEPA/US@EPA, Karen Johnson/DC/USEPA/US@EPA

**Cc:** ""B. Arrindell"" <glassart@dishmail.net>, ""Joe Levine"" <jlevine@bonelevine.net>  
**Date:** 12/31/2012 03:06 PM  
**Subject:** Windfall UIC Permit Comments to EPA Region 3

---

Dear Mr. Platt;

Attached please find comments by Damascus Citizens for Sustainability and NYH2O on the proposed UIC permit for Windfall Oil & Gas in Brady Township, Clearfield County, PA. Please contact me at your convenience if you have any questions.

Jeff Zimmerman

Jeff Zimmerman  
Zimmerman & Associates  
13508 Maidstone Lane  
Potomac, MD 20854  
(240) 912-6685 (office)  
(202) 262-9664 (cell)  
jjzimmerman@comcast.net



**Windfall UIC Permit Comments to EPA Region 3.doc**

----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:10 PM -----

**From:** Jim Rosenberg <jr@amanue.com>  
**To:** Steve Platt/R3/USEPA/US@EPA  
**Date:** 12/31/2012 08:18 PM  
**Subject:** Public Comment on UIC Permit # PAS2D020BCLE

---

Attached please find a public comment concerning UIC permit # PAS2D020BCLE.



-Thanks, Jim **Injection\_Well\_PAS2D020BCLE.pdf**





**Fw: Public Comment: Tell the EPA to Deny Permit for Shale Gas Wastewater Disposal in Brady Township, PA!**

**Steve Platt** to: Nina Rivera

02/12/2013 02:17 PM

**We received 89 of this comment.**

**S. Stephen Platt  
U.S. EPA, Region 3  
Ground Water & Enforcement Branch (3WP22)  
1650 Arch Street  
Philadelphia, PA 19103  
215-814-5464**

**----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:16 PM -----**

**From: Frances W. Sheldon <fransmail@shorelink.com>  
To: Steve Platt/R3/USEPA/US@EPA  
Date: 12/24/2012 07:55 AM  
Subject: Public Comment: Tell the EPA to Deny Permit for Shale Gas Wastewater Disposal in Brady Township, PA!**

---

Dear Stephen Platt, Class II Team Leader, EPA Region III:

Re: Proposal to issue final Underground Injection Control (UIC) permit PAS2D020BCLE for Windfall Oil and Gas Inc.

I submit the following comments on the proposed underground injection well planned for Brady Township, PA.

Drilling injection wells for shale gas wastewater disposal threaten fresh water aquifers and surface water due to migration of the waste through abandoned, unplugged wells in the area. The substances in flowback waste from unconventional shale gas drilling contain carcinogens, endocrine-disrupting chemicals, biocides, neurotoxins, high concentrations of sodium, chloride, bromide, arsenic, barium, other heavy metals, and radionuclides. Of particular concern is Radium 226, which has a half-life of 1,500 years.

While we appreciate EPA's commitment to monitoring and regulation, EPA has not performed due diligence regarding this permit. EPA has not performed its own exhaustive review of the records regarding abandoned oil and gas wells from over 100 years of drilling, instead trusting the operator to perform that search. But the operator's goal is to operate the injection site, not to protect groundwater. It is EPA's job to protect groundwater. More importantly, as you know, the existing paper records do not include all the wells previously drilled.

The old abandoned, unmapped wells pose an extreme health, safety and environmental risk, as has been proven through many incidents involving fracking fluid or flowback spurting up in geysers (Shell's summer incident, for example, which caused 50-foot geysers). Some of these incidents have also caused serious health impacts and turned residents' lives upside down, destroying property and killing animals which drank water apparently

contaminated in this manner (Darrell Smitsky's goats, for example). Awareness of these hazards also forces area residents to live in fear of it happening again, an unacceptable cost.

Therefore we insist that EPA require either radar technology, seismic testing, or both, be used to thoroughly map the underground strata throughout the area which could be impacted by underground fractures and fluid migration due to the high-pressure injection of fracking flowback.

Until such mapping is done with the best available technology (and with the least intrusiveness to area residents who are already under assault by the trucks, noise, air pollution and disruption this industry causes) it is unconscionable for EPA to even consider this permit, let alone approve it.

#### Earthquakes and cumulative impacts

Injection wells have caused increased seismic activity, including the nearby Youngstown, Ohio 4.0 earthquake; hundreds of earthquakes in Arkansas; and earthquakes measuring 4.7, 5.3, and 5.6. Residents have had to endure the shaking, the fear, and 200 homes in Oklahoma were damaged in an earthquake geologists have concluded was linked to injection wells. This emerging science is very new, some of it emerging just this month.

Pennsylvania regulators have not assessed the cumulative impacts, including potential earthquakes, from these deep wells. Pennsylvania's already-fractured geology of naturally occurring fault lines, abandoned wells, new oil and gas wells and abandoned and existing coal mines increases the risk for potential earthquakes and the contamination of fresh water aquifers.

Therefore the proposed Windfall Oil and Gas Inc. injection well poses an unacceptable risk to drinking water supplies and I demand that the EPA take responsible and necessary action to deny this permit.

EPA, we are counting on you to protect our community's drinking water, health and well-being. Please don't let us down!

Dear Stephen Platt, Class II Team Leader, EPA Region III:

Re: Proposal to issue final Underground Injection Control (UIC) permit PAS2D020BCLE for Windfall Oil and Gas Inc.

I submit the following comments on the proposed underground injection well planned for Brady Township, PA.

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While we appreciate EPA's commitment to monitoring and regulation, EPA has not performed due diligence regarding this permit. EPA has not performed its own exhaustive review of the records regarding abandoned oil and gas wells from over 100 years of drilling, instead trusting the operator to perform that search. But the operator's goal is to operate the injection site, not to protect groundwater. It is EPA's job to protect groundwater. More importantly, as you know, the existing paper records do not include all the wells previously drilled.

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Therefore we insist that EPA require either radar technology, seismic testing, or both, be used to thoroughly map the underground strata throughout the area which could be impacted by underground fractures and fluid migration due to the high-pressure injection of fracking flowback.

Until such mapping is done with the best available technology (and with the least intrusiveness to area residents who are already under assault by the trucks, noise, air pollution and disruption this industry causes) it is unconscionable for EPA to even consider this permit, let alone approve it.

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Pennsylvania regulators have not assessed the cumulative impacts, including potential earthquakes, from these deep wells. Pennsylvania's already-fractured geology of naturally occurring fault lines, abandoned wells, new oil and gas wells and abandoned and existing coal mines increases the risk for potential earthquakes and the contamination of fresh water aquifers.

Therefore the proposed Windfall Oil and Gas Inc. injection well poses an unacceptable risk to drinking water supplies and I demand that the EPA take responsible and necessary action to deny this permit.

EPA, we are counting on you to protect our community's drinking water, health and well-being. Please don't let us down!

Frances W. Sheldon

173 Friendship Road  
Drexel Hill, Pennsylvania 19026

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Campaign (<em>3057</em>): <em>Public Comment: Tell the EPA to Deny Permit for Shale Gas Wastewater Disposal in Brady Township, PA!</em>  
Learn more about this campaign here: <em>  
<http://citizenspeak.org/campaign/saynotofracking/public-comment-tell-epa-deny-permit-shale-gas-wastewater-disposal-brady-tow></em>

--

This campaign was created with CitizenSpeak. Visit us online at  
<http://citizenspeak.org>





**Fw: Comments regarding permits PAS2D020BCLE and PAS2D025BELK for underground injection**

**Steve Platt** to: Nina Rivera

02/12/2013 02:19 PM

**We received 2530 of this comment.**

**S. Stephen Platt  
U.S. EPA, Region 3  
Ground Water & Enforcement Branch (3WP22)  
1650 Arch Street  
Philadelphia, PA 19103  
215-814-5464**

**----- Forwarded by Steve Platt/R3/USEPA/US on 02/12/2013 02:18 PM -----**

**From: Kent Cruickshank <vzeu74f1@verizon.net>  
To: Steve Platt/R3/USEPA/US@EPA  
Date: 12/29/2012 05:02 PM  
Subject: Comments regarding permits PAS2D020BCLE and PAS2D025BELK for underground injection  
Sent by: PennEnvironment <action@pennenvironment.org>**

---

Dec 29, 2012

Steve Platt

Dear Mr. Platt and Mr. Reinhart Platt,

I am writing to ask EPA to deny the proposed permits for underground gas drilling wastewater disposal for Seneca Resources Corp (PAS2D025BELK) and Windfall Oil and Gas Inc. (PAS2D020BCLE).

A number of significant concerns have not been addressed when it comes to disposing of this toxic wastewater--like the effects (both long-term and short-term) on our drinking water, and the growing concern that this practice triggers earthquakes.

I look forward to hearing from you on this issue, but please don't permit such a risky activity underneath Pennsylvania.

Sincerely,

Kent Cruickshank  
710 Sweetbriar Rd  
Morrisville, PA 19067-3530

