Ms. Kimberly D. Bose, Secretary Federal Energy Regulatory Commission 888 First Street, NE Washington, D.C. 20426

November 20, 2016

RE: Penn East Pipeline(FERC) Docket No. CP15-558-000

I am an impacted landowner and intervener in Federal Regulatory Commission (FERC) Docket No. CP15-558-000 and my name appears on the Official Service List in this proceeding.

Our property has been further impacted by the recent proposed route and construction changes. We are at mile marker 97.9 to 98.5 on the original application

My previous comment about this recent change was not an informed comment because I did not understand the changes to the engineering method of this proposed new pipeline route. We have not been officially notified by letter. I only found out about PennEast's plans for my property when a neighbor, involved in township politics, mentioned the route change to me. I would expect that a private company, coming onto private land, would provide a clear notification of intention and an explanation of the intention. The change is dramatic. Originally, PennEast was going to trench along the side of our farmed fields adjacent to the pre-existing transmission line ROW. Now PennEast proposes to employ Horizontal directional drilling where "geologically feasible". I have not been informed if we are the pipe side or the rig side. I have concerns and questions about:

- 1. feasibility and the alternative plan should it prove not to be feasible
- 2. safety
- 3. damage and disruption

## Feasibility

If due to bedrock, horizontal drilling is not possible, will the route go back to co-location of the pipeline with existing transmission lines? Assuming horizontal drilling, Penneast's pipe will surface in the middle of my field with plans to trench through the heart of a farmed field, back diagonally to the transmission lines, a plan that maximizes the disturbance , and maximizes the impact on my front lot. This will critically diminish the value of my property, since it would be impossible for my son , for example, to place a home on the lot as it

will have a pipeline through the center of it. The current plan includes putting a drill pad very near to my house. If Horizontal drilling fails, how quickly would the damage to my field from the Drill pad be repaired? Will it hinder the crop season as far as planting and harvesting? Are they planning to use the Drill and Intersect method? Are we the Exit or the Entry point? Will PennEast consider Microdrilling? None of these questions have been addressed.

## Safety

The other side of Brookville Hollow is substantial bedrock. How is PennEast going to prevent damage to the pipe coatings? Especially if they are using class 1 pipe? Are they going to use Class 4 pipe as mandated by New Jersey for safety? How will they determine if the pipe welds are safe? If there is a leak, how will the pipe be repaired at a depth of one hundred feet? What safeguards will be put in place to assure us that there is no leak? If there were to be a disaster, how will there be enough access for fire engines and what would be the response time, and from what town would those resources come from?

Our soil, on this side of the creek, has proven to be very sandy. I am concerned about the steering control. How is Penn East going to assure us that they will not hit our house, our underground gas tank, our well, or our 250 year old oak tree? The proposed drill site is now extremely close to our well, within a 100 feet, and on the same underground level as our well. How is PennEast going to assure us that our well will not be poisoned by drilling mud and fluid pressures given our soft soil? Will they hook us up to city water if this happens? How is this not a violation of our right to have clean water?

Given the softness of our soil, and with the drill pad so close to our house, can PennEast guarantee there will be no damage to our foundation , our well, our septic system, underground gas tank, our 250 year old tree, our tennis court? The steering control and accuracy will be very important since they will be drilling under a valley and our house, well, septic, 250 year old tree are on a hillside. The change in elevation for this Horizontal drilling site is dramatic. There will be Topography Risks. How are these addressed? I understand in soft soils drill steering can be compromised, and drilling fluid management can be problematic.

How will PennEast assure us that the pipe is not damaged in the process of installation, given the depth and length of the drill site? How will it be serviced or repaired at such a depth?

We have a vernal habitat and a vernal pool, near an area of bedrock. How will PennEast guarantee that surface water bodies will not be damaged due to arsenic released or drill fluid leakages to surface?

## Damage and Disruption

We have received no formal notification nor any explanation of the process. We do not know if we are the entry site or the exit site. We do not know if they are planning to build a retention basin for drilling

fluids. We do not know if our land is going to be the site for welding the pipe together, or storing pipe. Given the amount of land used for any of these purposes, we need a timeline of the proposed disruption. Will our farm assessment be compromised if the fields are not farmed one year? This is a financial hardship if our taxes were to change. Will we be reimbursed ahead of the taxes due if this were to be the case? We cannot afford to pay higher taxes and then wait for reimbursement after the fact, due to medical expenses. Would our farmer be reimbursed in a timely fashion for his crop loss?

Are the substances taken out from the 54 in hole going to be stored on our field? If it rains, what will be done to prevent arsenic from leeching out of piles and draining onto our land? How will PennEast handle the drainage issues caused by the drill pa, storage tanks, pile of gravel etc, in order to prevent it from damaging our house, our tennis court, our driveway, our 250 year old tree? Where does Penneast plan to get the water necessary for this project? How will that affect our water supply?

If there is drilling fluid released onto farmland, how is PennEast going to clean it up? And how will we be compensated for the ruined land?

How is PennEast going to deal with soil compaction from the trucks and drilling pad? How are they going to get their trucks in and out? Are they going to use our driveway? Once the work is done, will the fields be turned over in an effort to mediate the compaction?

I have a medical condition, I am recovering from a brain hemorrhage. Is my driveway and road access going to be compromised in the event of an emergency? Would local roads be compromised so that we would have more difficult access to emergency vehicles or fire trucks? What will be done to remediate the noise of the drilling? We are in a high wind corridor, so if sound baffle walls are set up and then blown down, would they replace them immediately? My condition is such that loud noise would be an extreme hardship and dangerous.

My son is a professional tennis player. He uses our tennis court to practice and teach private lessons. If the drilling noise is such that this is not possible, will PennEast pay for court time elsewhere? Would PennEast compensate him for lost wages?

Will we be given a list of the chemicals in the lubricants and the drilling muds so that we can test our wells for them, and assure ourselves that our drinking water is not contaminated? Will Penn east bear the expense of this testing? What mediation plans are in effect should our water be contaminated?