

Thank you for the opportunity to speak to this committee about Mariner East. I am here today as a resident of West Whiteland Township with Mariner East on my property less than 200 feet from our historic home. It is essential that our legislators hear from the residents that are being forced to live with Mariner East and other future potential pipelines like it.

This is my story. Three years ago, land agents for Sunoco came to our home in Exton with an easement, and told us that they were putting in two new pipelines. They told us no trees would be coming down because they were using HDD drilling. They told us the drill would be located behind the apartment buildings across the road, out of sight and hearing. Finally, we were told that we had no choice in the matter: Even if we didn't sign they were putting them through our property because they had eminent domain. In the Spring of 2017, Sunoco arrived one Saturday morning and began to cut down several beautiful mature trees directly across the road from us in front of the apartments that had provided a screen and sound barrier as well as a lovely street scape. They strung an ugly grey curtain between poles roughly 20 feet tall and built a huge worksite. This is how we learned that they would be drilling directly across the road from us and our neighbors. We learned that instead of 2-3 weeks of drilling as we had been told, they would be drilling for 350 days, Monday to Saturday 7 am to 7 pm. And that the eyesore of the construction site could stay in place for up to 3 years. And we learned what it's like when they are drilling: The noise and vibrations are such that you can hear and feel it even inside the house and the windows rattle. And forget about enjoying your yards and gardens.

My story is not unique. I have heard from many people that they were told the same lies, right down to same verbiage "you won't hear us, see us, you won't even know we are here". The dishonesty and bullying is common enough that Senator Dinniman introduced a bill to regulate land agents and hold them accountable, just as real estate agents are.

Mariner East 2 drilling started across Shoen Road from us on June 13 of last year. Less than two weeks later, on June 22, Sunoco's drill hit an aquifer and ground water poured down the pilot hole onto the work site. For the next two weeks Sunoco continued to drill, while continuously pumping this water into trucks and taking offsite and not contacting residents of the impact it could be having on their wells. Finally around July 5, Sunoco was ordered by the DEP to stop drilling. The hole was grouted to stop the flooding and construction at that site has been halted since then. But the damage had already been done: 15 homes had to be put on public water instead of their private water wells. And less than two weeks after the hole was grouted, some of the water emerged on my property as springs and seeps and continue to this day, supersaturating and flooding the ground on our property. We have not had a response from Sunoco or their land agent in several months to our requests to remediate that situation. Furthermore, this water flow and seepage is occurring on the path of Mariner East 1, the 90 year old pipeline that is currently transporting these highly volatile liquids. This presents concerns for corrosion and erosion, two causes of pipeline failure .

And this isn't even the only accident Mariner East 2 construction has had in West Whiteland. Less than two miles away is Lisa Drive, where in November of last year a large frac out of drilling mud occurred followed by the formation of a sink hole. On March 3, two days after pulling the pipe back through the borehole, two more sinkholes, 16 and 20 feet deep, suddenly formed in the backyards on Lisa Drive, one right up against a house. On March 7 the PUC ordered Sunoco to stop the flow of Mariner East 1 because of the potential for "catastrophic" consequences and it remained halted for two months. Residents of Lisa Drive and surrounding neighborhood have had their lives uprooted by this. Their backyards are filled with workers, heavy equipment and round the clock security personnel, destroying their quality of life and privacy. Somewhere upwards of 30 cement truck loads of grout have been poured and compacted into their yards. You could say their quality of place has been destroyed as well.

As bad as all this is, the worst is yet to come when Mariner East is in full operation as Sunoco hopes, with several hundred thousand barrels per day of liquified ethane, butane and propane flowing through our communities. What I have come to understand is that no, Mariner East is not just like all the other pipelines that crisscross our area as we had been told by the land agents when they came with our easements. When there is a leak on this pipeline, these highly volatile liquids go back to their gaseous state and unlike methane which is lighter than air and will dissipate, they are heavier than air and will stay close to the ground. And they are odorless, because Sunoco will not add an odorant as a safety measure as this would ruin them for their intended end use, the production of plastics. All these gases need is an ignition source such as a vehicle engine or even a door bell or cell phone for an explosion to occur. Even without an ignition source, residents are at risk of asphyxiation. The blast zone for such an explosion is 1500 feet. I will remind you that my family lives less than 200 feet from Mariner East. Thousands of families in Chester County and Delaware county alone live within the blast zone.

We are continuously being told that we have been living with pipelines like this for decades and that our emergency services are prepared for this. But the truth is we have not and they are not. In the event of a leak on Mariner East, Sunoco and PHMSA say to evacuate half a mile upwind, on foot. How are residents to be informed that there is a leak when cellphones can set off a blast? How are those with small children, the elderly or the physically challenged to evacuate when engines can set off a blast? We get no answer to these questions when they have been posed to emergency services and regulators in public sessions. In West Whiteland alone, 11,000 people live in the evacuation zone. But here's the thing: If we get a chance to evacuate we'd be lucky, because in densely populated Chester and Delaware there's a very real chance that before we even knew there was a leak it could be ignited and there would be no one left to rescue.

This is not hyperbole. Pipelines leak, and Sunoco has the worst record in the industry nationwide. On PHMSA's website there is a list of leaks Sunoco has had since 2006 through May 2018. 298 leaks have been reported. This does not

include the leak on the 12" line into Darby Creek in Delaware County last month. This is the same 12" line that Sunoco wants to now repurpose for Mariner East while they wait for 2 and 2X to be completed.

I appreciate the opportunity to speak to you today. I represent just one of tens of thousands of Pennsylvanians who are being impacted by Mariner East. For many of us, our homes are our largest investment and we fear the loss in property values. Our constitutional rights to drinking water are being put at risk. Our children are going to daycares or one of the 40 schools in the blast zone. Our older family members live in seniors homes in the blast zone. We live, work, shop and play within the blast zone. And for what? So that Sunoco can make money selling these liquified gases overseas to make plastics.

We need our legislators to uphold their responsibility to protect us from known dangers. Senator Andrew Dinniman has been a champion for us against Mariner East and has been joined by other Senators, Representatives from both political parties. But we need more. I implore all of you to visit your constituents on Mariner East. If Mariner East does not go through your district visit one that does. Stop this dangerous, reckless project that should never have been granted public utility status in the first place. Quite literally, lives depend on it.

Thank you

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