

**DEP Permit # E15-862**  
**DEP Permit HDD Reference # PA-CH-0256.0000-RR**  
**DEP HDD # S3-0400**  
**Township – West Whiteland**  
**County - Chester**  
**HDD Site Name – Exton Bypass Crossing**

**2<sup>nd</sup> Public Comment Period**

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**1. Comment**

1. Insist that all of DEP's questions are answered thoroughly by Sunoco.
  
2. Insist that Mariner East 1 and 2 be shut down during any construction at Lisa Drive. Residents and workers lives are at stake. People's lives are more valuable than a corporation's profit. Take action that supports this basic tenant.

3. This neighborhood has suffered unprecedented damage at Sunoco's hands and through your previous approval of permits. This current re-evaluation of the Exton Bypass Crossing requires your utmost diligence. The public outrage will also be unprecedented if a worst-case scenario happens in this trouble prone area.

4. Have you involved Amtrak's Office of Inspector General, The Federal Railroad Administration, and the National Transportation Safety Board in this re-evaluation of the railroad under crossing? Their input would be invaluable. (1)

## **2. Comment**

Many of us have been following the controversy over the proposed extension by Sunoco of the Mariner East pipeline. I am dismayed by the incomplete and non-informative replies from Sunoco to some of the questions you have asked. I strongly urge you to require Sunoco to show you proof that their disposal of grout from previous drilling was done in such a way that it will not be hit by the new drilling. Also, demand that Sunoco has a definite, well thought out and workable contingency plan to avert a calamity if the new drilling should hit old fill, or anything that might cause a shift of the nearby existing pipeline causing it to leak. We know that those pipelines carry liquified petroleum products which, if they leak out, will vaporize and, being heavier than air, spread over the surface of the surrounding fields and yards, and if ignited will cause a huge explosion.

The entire Mariner East pipeline is a major calamity waiting to happen. It should never have been allowed in the first place, but since it was approved, it needs extremely careful oversight by your department.

Thank you for whatever you are doing and can do to keep us safe. (2)

## **3. Comment**

This is in response to Sunoco's answer to your request for information regarding their plans for installing the 20-inch pipeline through the area of the Exton bypass and Lisa Drive.

Sunoco's reply reminds me of a high school student who knows the teacher isn't really going to read his report so he provides the bare minimum to fill the page.

Knowingly that there are two operating pipes nearby, they were asked if the grouting material used to fill the sink holes on Lisa Drive is would be disturbed during boring, stressing the operational pipelines and triggering a leak.

Sunoco's response is to indicate where the grout was poured but that is no proof of where it ended up!

The DEP asks for a resistivity test which Sunoco declares impossible because of their pipeline! And offers no alternative study! How ridiculous!

There should be scientific evidence that all of the grout is below 20 feet!

Their response is that the cuttings were disposed of in a licensed landfill. No one asked about that. Are they trying to distract here?

So many questions remain unanswered and the residents of West Whiteland are in danger and at your mercy. Maps show I live in an evacuation zone but I have never received any communication from Sunoco, PA, Chester County or West Whiteland about what to do in an emergency or even that I am in an evacuation zone.

How can our lives and property values be of so little consequence to you.

All this to profit a private company making plastics to further pollute the world.  
Hope you sleep well. (3)

**4. Comment**

The pipeline work being done in Exton, Pa has the potential to damage active pipelines and cause leaks. The location of grout/fill and its proximity to the surface is undetermined. Answers have not been given to questions about the boring, the location of grout/fill, and the threat posed to the community. There are no contingencies if the grout/fill is hit in the boring process. Emergency personnel are not prepared to respond to a disaster and leaks could damage the environment and poison our groundwater. Sinkholes have the potential to cause injury or death. Demand indisputable evidence from Sunoco that grout/fill is below 20'. Demand a plan of action if a direct bore hits grout.

Please, take action now to prevent the worst from happening. Use your position to do the right thing in the eyes of the people. Defend the human right of every person to live safely and without fear. (4)

**5. Comment**

I am concerned about Sunoco's plans for work on the pipeline through the area of Lisa Drive. Sunoco has not provided detailed information about the location of the grout used to fill the sinkholes, and we don't know how deep the grout is. If it is not deeper than 20 feet (which we've seen no proof of) then the direct bore could hit it, stress the operational pipelines, and trigger a leak. Sunoco is not providing thorough information or plans. They need to be held accountable. We need you to require a contingency plan for what Sunoco will do if they hit the grout. Please do your part to keep our community safe. (5)

**6. Comment**

Please note: I do not live in Pennsylvania, but I care about this Mariner East Pipeline project. In fact, all of Northern Delaware should care very much about it, especially in the areas of Claymont and Arden, Delaware.

My home in Arden is just 5 miles away from Marcus Hook, Pennsylvania, the endpoint of Mariner East I and the future endpoint of ME2, if it is allowed to be constructed. Should there be an explosion of HVL's at Marcus Hook, my house, along with all homes in Claymont and Arden Delaware, are just 5 miles away, which is in what Sunoco itself has claimed to be the "evacuation zone".

Now my comments:

Sunoco has recently submitted a response to the DEP's questions about the Sunoco plan for installing the 20-inch pipeline through the area of the Exton bypass and Lisa Drive. Sunoco's response makes an evasive attempt to respond to the DEP's questions concerning what happens if the new borehole hits grout from previously filled depressions.

The thrust of the DEP questions was: will the grouting material used to fill the Lisa Drive sinkholes be disturbed during boring? In fact, there is a huge chance that it will be - and this is deeply worrisome for all who live in a 5 to 15 mile radius of the proposed work area. Should there be an explosion as a result of reckless boring, many people will be killed.

Details:

1. During the period that the holes were filled, dozens of cement-truck loads of grout were dumped into the underground voids that led to the sinkholes. The DEP asked Sunoco where that grout went, and Sunoco evaded an answer.

The DEP should insist on detailed information about the location of the grout.

2. The grout would have to be at least 20 feet underground to avoid possible disturbance by boring. The DEP asked Sunoco how deep is the grout, but Sunoco provided no evidence that the grout is that far below the surface. In fact, the grout was poured into the holes from ground level, and some of it certainly remained near the surface.

The DEP should insist on actual evidence that all the grout is deeper than 20 feet; otherwise, the direct bore could hit it.

3. The DEP asked Sunoco what "contingencies" there were if the grout were hit in the boring process. Again - an evasive answer — Sunoco's response was that the cuttings from the boring machine are disposed of in a licensed landfill. This response was irrelevant!

For all our safety - even in nearby Delaware, the DEP should require a contingency plan for what Sunoco will do if the direct bore hits the grout.

All in all, Sunoco's above-mentioned plan has the potential to damage active pipelines and cause leaks. This is plainly unacceptable since people's lives are at

stake. Sunoco should not be allowed to go forward with the pipeline in any way, shape or form, until and unless satisfactory answers to the above questions are given.

Thank you for considering my views. (6)

## **7. Comment**

I comment on this docket to encourage the Department to reject any work performed under the AMTRAK/SEPTA lines at or near Lisa Drive in West Whiteland Township, Chester County.

Sunoco has shown that it is utterly incapable of managing its affairs in construction of the Mariner East system. It has shown that it is utterly incapable of managing pipeline installation in the Karst stratigraphy at or near Lisa Drive. The company's conduct in attempting to jam this square peg into the round hole of Pennsylvania geology has caused the Department undue amounts of work and problems.

Here, Sunoco ignores its own lessons of the past. Sunoco, when faced with the 1936-37 question of where to put the Point Breeze-Montello line now known as the "ME2 Workaround" or "bypass" pipe, avoided Lisa Drive and installed the 12" line several hundred yards east of this location. They should have looked into their history to determine why their predecessors avoided Lisa Drive in the late 1930s. I suggest that constructability arguments raised 85 years ago would remain valid today, if Sunoco would only learn from their mistakes.

Sunoco needs to understand that sometimes the answer is no. You just can't build your project in that location. With all the problems and all the mess at Lisa Drive, not to mention all that flowable fill, the Department should reject any construction at Lisa Drive and demand that Sunoco just concede that this location is just not constructible.

Even with direct pipe, Sunoco will still be using fluids in an area with massive subsidence problems. These problems will likely endanger the public, including the thousands of rail passengers who travel above this corridor every day. That risk is just too much.

It is in the public interest that no pipeline is ever built along Lisa Drive for any reason. The geology there is just not suitable for any liquids construction. We never know where flowable fill goes, because the labyrinth of Karst void and crack systems goes on and on with whatever end nature wants. Disturbing all this flowable fill now is a massive mistake. It should just be left to fill whatever voids it fills without anyone disturbing this fragile formation for any reason - even if there's an attempt to bypass the carbonates by traveling under them. Some risks are just not worth it. This is one. (7)

## **8. Comment**

Like many PA residents directly affected, I am concerned about Sunoco's lack of detail and direct response to the DEP questions of Mariner East pipeline, ID number PA-CH-0236-0000-RR.

First, for the grouting material used to fill the Lisa Drive sinkholes being disturbed during boring, potentially triggering a leak: where did the fill go? Sunoco is not answering. Please insist on detailed information about the location of the grout.

The second question asks for a “resistivity survey” to determine the contours of the grout underground. Sunoco provides no evidence that the grout is that far below the surface. The grout was poured into the holes from ground level, and some of it likely remained near the surface. Please insist on actual evidence that all the grout is deeper than 20 feet, or else the direct bore could hit it.

The third question is what Sunoco’s plans are if the direct bore encounters the grout. Sunoco’s responded that the cuttings from the boring machine are disposed of in a licensed landfill. That does not answer what “contingencies” there were if the grout were hit in the boring process. Please require a contingency plan for what Sunoco will do if the direct bore hits the grout.

Many other questions about Sunoco’s original proposal are unanswered in this document.

This plan has the potential to damage active pipelines and cause leaks, and endanger the lives of many people who live and travel along the route of the ME pipeline. Sunoco should be required to do better to keep PA residents safe. (8)

## **9. Comment**

I truly hope the PUC begins to take this opportunity to hold Sunoco accountable seriously. While not patently against this pipeline I feel it is absolutely imperative to hold Sunoco/ETP accountable. Living nearby I saw the huge number of grout trucks filling these holes drive past my house daily. I can only imagine the dangers that could be caused should the grout filled hit during this process while the existing line is in use.

Please make them provide underground sonar scans or some such solution to show how extensive the grout actually is. (9)

## **10. Comment**

I urge DEP to take extra care when reviewing materials from ETP/Sunoco and considering the issuing of permits in West Whiteland Township. This is a sensitive segment of the ETP's pipelines. We in West Whiteland Township request that the DEP proceed cautiously and ensure that the DEP has received all pertinent information and are completely satisfied that Sunoco/ETP is complying with the regulations DEP enforces.

While not in the purview of the DEP, the West Whiteland Township Board of Supervisors plans to request that the PUC suspend operations of the 8" (ME1) and 12" operating pipelines during construction near Lisa Drive. (10)

### **11. Comment**

It is time now that the DEP and all government agencies demand that Sunoco/ETP are held accountable to the residents of PA. Sunoco has to answer and not evade the questions of how they are going to possibly drill via direct bite tunneling at the Lisa Drive location. There have already been 2 homes destroyed by this is the state going to allow the potential of more sink holes take away other homes?? How does this affect the existing pipelines as precious exposed its the sinkholes. The Train lines are also close by what studies have been done to ensure the integrity of the land and surrounding areas??

It is imperative that Sunoco detail where the fill material is and could it have settled with the excessive rain this spring. What would happen if the fill is disturbed during drilling? What will they do if causes more sink holes and what is probability of other sinkholes opening up. How long does the Fill/grout last does it eventually absorb into the soil?

We need concrete answers, research and due diligence to ensure this project is safe and not just the quick way for Sunoco to finish the project and make money off the backs of Pennsylvanians.

Please make sure Sunoco is held accountable for this project and not just rushing to make money with the risk of seriously injuring PA residents and homes.

This is just another example of how Sunoco is not prepared to help make this a safe project to them we are merely pawns they are willing to sacrifice to achieve their goal. (11)

### **12. Comment**

On May 30, 2019, Sunoco Pipeline, L.P (SPLP) submitted for public review and comment a Re-Evaluation of the permitted Horizontal Direction Drill (HDD) and proposed replacement construction plans for a segment of the Mariner East II Pipeline Project (Mariner II) known as the Exton Bypass Crossing, S3-0400, as referenced above. SPLP received emailed comments from the Department dated August 13, 2019, requesting additional information concerning the Direct Pipe Bore replacement construction plan.

As a resident of Middletown Township and a landowner living 150 ft from the old, leaky, 12" "workaround" and approx. 1100 ft from the old 87-yr old repurposed ME1 behind me, I would like to submit my grave concerns regarding Sunoco's new plan for Lisa Drive.

As you are no doubt aware, on Friday 13, 2019 we suffered our second sinkhole in Middletown Township as a result of Sunoco's HDD activities. The Sleighton Park sinkhole was right next to the HDD entry/exit point and half a mile from my home. What happens at Lisa Drive could have a direct impact on us here.

My concerns are:

1. What happens if the new borehole hits grout from previously filled depressions?
2. Will the grouting material used to fill the Lisa Drive sinkholes be disturbed during boring?
3. Where exactly did all the grout go that was used for the underground voids?
4. We need exact and detailed information on the location of the grout.
5. The DEP must demand a resistivity survey and not allow for evasive responses.
6. Near its exit point the bore profile is within 19 feet of the surface. If the grout is "15-20 ft" (as stated) underground, then there is no guarantee the grout will not be disturbed. If the grout was poured into the holes from ground level then some of it will certainly have remained near the surface. We therefore need actual evidence that the grout is deeper than 20 ft otherwise the direct bore could hit it.
7. What are Sunoco's plans if the direct bore hits the grout? This is not with regard to the cuttings from the boring machine. The question is what contingencies are there if the grout were hit in the boring process? "None" is unacceptable. I urge the DEP to require a contingency plan.
8. I urge the DEP not to accept the direct-bore approach. It is too big a risk to the other pipelines in this easement. For part of the segment, the drill will be in close proximity to the two active NGL lines – the old ME1 and the old 12" "workaround". How will these lines be protected from the drill? Each crosses the planned route of the 20" line at least once.
9. Does Sunoco know the exact location of both ME1 and the 12" "workaround" underground?
10. Sunoco denies the possibility of an alternative route. Why was the route of the existing 12" "workaround" not considered to avoid the vulnerable Lisa Drive location? I urge the DEP to insist on the requirement for examining alternative routes.
11. This plan has the potential to risk more sinkholes and frac-outs. Both inadvertent returns and subsidence are not eliminated with this direct-bore approach. This is not acceptable.

The DEP must insist on the required information and not accept evasive responses. This plan has the potential to damage active pipelines and open new sinkholes. An obvious alternative route has not even been considered. For Sunoco to claim there is no "practicable" alternative is not the case. Sunoco must be required to do better.

(12)

Letter – [Rosemary Fuller](#)

### **13. Comment**

Hope everyone is doing well. I was writing to express my concern about the pipeline section referenced in the subject line. I am afraid this will not be a particularly well referenced letter and will do better the next Sunoco screws up. Oh, I suppose they might not screw up again and I might flap my arms and fly. Frankly, I probably have better chances of the flying.

Given the frequency of errors by Sunoco, wouldn't it be wise to make sure they are doing things properly this time. I understand they are in a rush to sell plastic to Europe or whatever they end up doing with the product, but I am quite sure that though the safety of the populace does not matter to Sunoco in the slightest, it matters to the people who actually live in West Whiteland township. As such, they would like to see a complete and thorough response to your requested temporary injunction.

In part, one must wonder about vibration concerns and erosion issues. On top of this are the oft sighted issues of the under ground fill and the grout as well. Since, Sunoco has no need to rush and no justification to do so beyond mere profit, it is important that they provide answer to your questions in the greatest possible detail. Best of luck dealing with Sunoco! (13)

### **14. Comment**

The original proposal involves over 2000 feet of open trench work, and over 800 feet of "direct bore" tunneling. It is the direct bore that raises the most concern. Its route runs alongside ME1 and, for most of the route, also alongside the 12-inch "workaround" pipeline that is part of what Sunoco is calling "ME2". Both of these are in operation, carrying highly volatile explosive materials.

Will the grouting material used to fill the Lisa Drive sinkholes be disturbed during boring?

If the grout is hit by the boring equipment, that could stress the operational pipelines, potentially triggering a leak?

Where is the underground fill? How much underground fill was used?

What happens if the bore encounters grout? The DEP's third question is what Sunoco's plans are if the direct bore encounters the grout.

How many sinkholes in one location will cause the DEP to tell Sunoco it's not safe to install more pipelines here? What is the DEP actually protecting? Our environment or the profits of Sunoco? If it's the environment, it is a clear choice to say no to these permits. (14)

## 15. Comment

I reside at the corner of Lisa Drive and Michele Drive (476 Michele Dr.). I also work in West Whiteland township at AFS (123 Summit Drive).

Sunoco has come in and literally destroyed my neighborhood!!! They told us 2+ years ago 'you won't even know we're here'! 2 years has come and gone and they are STILL here!!! We certainly know they are here...6 days a week. Equipment pounding away and vibrating our homes like we're an active war zone. Pictures have fallen off of my wall! Trucks rumbling down our street - cement truck after cement truck. Pool water tankers (now even coming on Sunday evenings) so make that 7 days a week. The 'mud dog'!!! Street cleaners. And don't forget all of the workers and their individual vehicles flying in and out all day long!

Our children can't play! Our neighbors have been removed from their homes. Forced to sell to Sunoco! Most recently Sunoco has began moving in their people to live in the homes that were supposedly not livable 6 months ago! The new 'renters' driving their Diesel engine trucks down our street, waking our children!

We live here and nobody is sharing the geologists data with us. The DEP needs to require them to hand it over so that we are able to determine for ourselves that we are safe to continue living in our homes!! No one seems to care about Michele Drive because 'it's not in our backyards'. Who cares that my property is 20 feet from homes that were deemed unlivable! Well that's all we can guess because no one has told us why our friends and neighbors were made to leave. Sunoco made them sign a non disclosure. Why the secrecy if everything is so safe and on the up and up?!

Who cares that our children want to play basketball 20 feet from a sinkhole, oh but wait the security guards park under the net so they can't play anyways!

Why are we kept in the dark. Only receiving a stupid and pointless Sunoco newsletter every quarter that does nothing for us but talk up how wonderful Sunoco is! Pure trash!! Why the lack of transparency? Where is the truth???

Why still no response to what our emergency plan is should something catastrophic take place? What do myself, my three young children, my dog, and all of my surrounding neighbors (friends that are more like family) do or not do should something happen? Why have none of these questions been answered but they are allowed to continue with their destruction! None of this is being done to benefit Americans!!!! Why, why do we not put a stop to the insanity!!!!????!!!!

Last evening, I watched as a pool water tanker drove on to my street at 6:30 PM. A Sunday night! Now that Sunoco owns 5 of the 7 houses on Lisa Drive they seem to think they can come and go as they please. Why is this fair to the residence that still live in this neighborhood?! We pay mortgages! We cannot sell our houses!!

The employees are rude, disrespectful, and act as though they can do as they please. Let's not forget the 'security guards' that have invaded us 24x7. Watching our every move and getting out of their vehicles when we take our nightly walks or our children attempt to ride their bikes. Watching us like we don't belong there!

We are disgusted and ashamed of the place we call 'home'!! It's no longer a home but an active war zone!! We no longer feel safe but what are we to do? We can't sell our homes! Who would buy them?

As for Sunoco's latest and greatest plan.....well Sunoco needs to be made to do better! Their answers are evasive! Unacceptable!!

All of these cement trucks that have come and gone...where has all of that cement gone? What is Sunoco's contingency plan should the direct bore hit the grout...oh that's right there isn't one?!

Demand answers!!!! Or better yet stop Sunoco from having all of this senseless power!! Say no!!!

Please, please, do not allow Sunoco to move forward with their plan to install the 20 in pipeline through Lisa Drive - next to the already active ME1 and ME2! Please listen to those of us that live and work in the community and especially reside as close as we do here on Michele Drive. Please stop allowing Sunoco to ruin our once beautiful community!

It is very apparent that Sunoco has no idea what they are doing or they would have been out of here long ago! Please force them to listen to what the geologists have been saying! It is not safe!!!

You (DEP) has a duty to the environment and to the taxpayer - you work for us and not this company. It is my request that the DEP deny any and all permits Sunoco is requesting from the department.

Sunoco does not care about the protection of our waterways, the erosion and sediment! They don't care about the poor animals that they are displacing! They don't care about the people and our beautiful communities and environment!!

Please help us to have a voice! To fight back and to once again gain control of what is ours!!

Thank you for your time!! (15)

## **16. Comment**

In the DEP's response to Sunoco's plan, the Department expressed concern for what might happen if the "direct bore" process Sunoco proposes intruded on the grouted area where previous sinkholes have been filled. That is an important question, given

that Sunoco apparently does not know exactly where the grout went or whether, if it encounters the grout, the boring process would cause damaging stress to the two lines (ME1 and so-called “ME2”) in operation in the same easement.

1. In its first question, the DEP says it would “like to see that these fill areas remain undisturbed at depth.” But Sunoco’s response says nothing about where the grout (“fill”) is “at depth”. Their answer only provides the surface locations into which the grout was dumped. The question of whether it might be disturbed underground is not answered.

The DEP must ask for a more precise answer about where this grout actually is located underground. After all, dozens of cement-truck loads of grout were poured into the ground. It can’t all be localized to the vicinity of the surface openings.

2. In its second question, the DEP asks for a resistivity survey to provide a sense of what shape the underground grout has taken. Sunoco responds with a letter stating that a resistivity survey in the vicinity of a steel pipe would not provide the information the DEP seeks. That may be true, but Sunoco does not provide any alternative means for determining where the grout ended up. Sunoco makes the claim that it all lies “approximately 15-20-foot bgs” (below ground surface), and that therefore the boring will not hit it.

That response is clearly wrong. The grout was poured into surface holes, and therefore some of it remains near the surface. Furthermore, the boring depth near the exit point is 17-19 feet below the surface, so there is obviously an opportunity to hit grout that is “15-20 feet bgs”.

If a resistivity survey is not the answer, the DEP must insist that Sunoco find another way to determine the location of the grout.

3. In its third question, the DEP asks the Sunoco for its contingency plan in case the grout is hit by the boring process. That could obviously cause a leak (or even a total rupture) of one or both of the operating pipelines that are encased in the grout. What would Sunoco do then?

Sunoco does not provide an answer. Instead, they simply state that cuttings from the bore will be “disposed of at a licensed disposal facility.” That is irrelevant to the question.

The DEP must insist on a plan to monitor the operating pipelines and provide an emergency response plan in case of a leak or rupture.

Until these questions are adequately answered, Sunoco should not be permitted to proceed with this direct bore. (16)

## 17. Comment

I live at 479 Michele Drive in West Chester PA. I have lived in this beautiful neighborhood that is now being destroyed for over 10 years.

Over two years ago Sunoco came into our neighborhood and told residents of Lisa Drive that they would be in our neighborhood for a few weeks and we would not even know they would be there. Well, two and half years later, and there is still Sunoco construction in our neighborhood 6 days a week. Trucks begin arriving as early as 6:15am and do not leave until 7pm in the evening. This past Sunday there was even activity. This past weekend as well (Saturday 9/21/19) a contractor for Sunoco and his family moved into 491 Lisa Drive. This home had previously been bought from a the homeowner because of sinkholes in the back yard the safety of the home was in question. Not only is Sunoco working in my neighborhood they now are living there. I find this to be completely disgusting since our neighbors were moved out and the neighborhood and township my husband and I work so hard to live in has completely changed. My neighborhood is no longer a neighborhood but is a construction zone. My son cannot ride his bike down the street or play with his friends safely due to the high volume of traffic in my no outlet street. West Whiteland Township needs to take control of this situation before one of our children is hurt.

My home vibrates from the drilling on Lisa Drive (I am two homes removed from Lisa Drive). I have only received two letters from Sunoco and have received no answers from Sunoco when I have called to ask questions. Swimming pool water trucks, mud dog trucks and at least 30 Sunoco vehicles up and down my street several times a day.

We live here and no one is sharing the geologists data with us. Our street is visibly sinking in areas. The landscapes of the homes on Lisa Drive have visibly sunken even in areas were there is no drilling going on. The DEP needs to require them to hand over the data so we can determine for ourselves that are safe to continue living in our homes. No one seems to care about our neighborhood and the unacceptable Sunoco construction that has been going on for over 2 and half years!!!

The employees speed down our street, are rude and disrespectful, and not to mention the 24/7 security "officers" on our street. They clearly work 7-3, 3-11 and 11-7 because they speed down our tiny street endangering our children as they try to make their shift.

Sunoco is currently on their 3rd plan for installing the ME2 pipeline into Lisa Drive backyards after failing at their first two attempts. Come on...doesn't that tell you something. Sunoco has not conducted enough research to safely and accurately install this new pipeline. There is an Amtrak rail within feet of on of the sinkholes and there has been no mention of making sure the Amtrak railway is not being jeopardized.

You (the DEP) has a duty to the environment and the residence in this neighborhood to stop Sunoco. To please provide us with information so we know what is going on. We deserve to know what is going on feet from our homes. Our children deserve their neighborhood back. The childhood memories of playing with their neighborhood friends is being ruined by this never ending project and to make matters more frustrating we as homeowners in the neighborhood have been given no information. Please help us! (17)

#### **18. Comment**

My family and I reside at 487 Michele Drive and feel that our inhabitation, purchased way before the destruction took place, has turned into Sunoco's own backyard and without any concern for the men, women, and more terrifying the children that have to live in it. Walking our dog on the street and letting our 8-year-old ride her bike or scooter has become alarming and challenging. My daughter frequently hits mammoth cracks in the road that were created by the huge industrial sized trucks that are not meant for small residential streets. While walking down, what used to be, a quiet, single, lightly traveled road we are constantly turning our heads in fear that one of these massive vehicles traveling at extremely high speeds will devastate our life with tragedy. We continue to walk down, what used to be, our street because we refuse to be prisoners in our home and mainly to continue to spend time with our children outside. Sunoco's workers are rude and dismissive with the mentality that we are in "their" way on "their" property. One of the employees came flying down the street off of Ship Road and literally hand waved my neighbors and our children (5 small children on bikes) to move out of his way. Sunoco employees speed down the street as if there are no residence. Constantly having strangers on our street is a threat to our children's safety. The familiarity and friendliness of our street has turned into a nightmare that would be impossible to leave if we wanted to sell. Our children's childhood friends have gone with sale of the homes on Lisa Drive that are now becoming housing to Sunoco employees. There are so many concerns and emotions that have to express that have consumed us since the start of this, whatever it is that they are doing. How is this right down from my home and I have no information on what they are doing? They invade our space and don't say why? How is this allowed? I teach the constitution to elementary students and I don't know how to even explain this situation to myself. Because Sunoco has so much fortune that their actions are dismissed by the authorities and the township and my life, my family's life, and my neighbors are devalued and tossed aside. (18)

#### **19. Comment**

As a resident of Marchwood I see the results of Sunoco's work each and everyday. On an almost daily basis I hear of "this violation" and "that violation" and now I'm reading how they're stonewalling the DEP with their non-answers to Lisa Drive sink holes.

It's obvious that Sunoco cares nothing about the residents who they are affecting with their pipeline. And governor Ridge obviously doesn't care. But the people who live in the battle zone care, and people who work day to day on behalf of the constituents

of the state should care. If it were up to me I'd shut the whole thing down. Since money is involved it's not likely the powers that be will give up the money related to the pipeline and shut it down ...money is more important than safety much like profits are more important than the environment to the powers that be in Washington.

At a minimum Sunoco should have their feet held to the fire with having to answer to the DEP with any and all questions posed to them. If answers cannot be provided then the pipeline should be shut down until the satisfactory answers are provided.

We're talking about people's lives here. Money is not the end all to everything in this world. (19)

## **20. Comment**

I am a resident of Lisa Drive (478 Lisa Drive), one of two left on my street. I also take the train behind my home to work each day into Philadelphia.

We moved here 7 years ago and had no idea that there was a pipeline in the neighborhood. When they came a little over two years ago, they said they would be in any out. Well they are still across the street from us and still working, which I don't understand because I thought they were waiting for approval to try the third type of drilling. I have no idea what is going on, if you ask any of the Sunoco people what is going on, they give you a smart answer. So much for their newsletter stating that they have excellent communications.

In April, Sunoco bought all the houses on the other side of Lisa Drive. I have made friends with these people. They had to get out of their houses in a little over 2 weeks, because their houses were not safe to live in and they are not allowed to talk about their un-safe houses. The home directly across from us, had an underground grout explosion and we were never informed. I was also told that we have a fault line running from the house across the street to my home.

There were many cement/grout trucks pouring cement/grout into the ground, I wonder where it all went. They never shared the geological results with any of the neighbors, we know that the ground can not withstand the type of drilling they are asking approval for. I just pray that if they get approval for the new type of drilling that nothing happens, there are many homes in the area and the Amtrak/Septa train also could be affected.

My kids and grandchildren use to come for dinner on Saturday and the kids would play in the cul da sak but no more, too many trucks/cars parked there. I thought I bought my house on a residential street, I did not, it is now a Commercial area.

The one machine they use shakes my home. I don't even think I can sell my home, who would want to live like this.

I can go on and on, but please do not give approval to Sunoco to install the 20 inch pipeline, they have already tried 2 times and it did not work. Please don't issued any permits. If they knew what they were doing, they would still not be working here 6 days a week from 7 to 5/6

Thank You for listening, we just want our neighborhood back to normal, please help us. (20)

### **21. Comment**

My name is Tina Cipollone and I reside at 475 Michele Dr, West Chester, PA 19380. My home is directly across the street (50 ft) from the diaster that Sunoco has made to our neighborhood. I cannot understand how government authorities would allow this monster (Sunoco) to come in and completely destroy everything around us that we have worked so hard for. My husband and I have resided in this home for 30 years, paying a mortgage, taxes and upkeep to beautify our home. And for what??? We can't even sell our homes, where does that leave us?? Neighbors with Sunoco??? How can a company and my government allow this to happen? How can they be allowed to jeopardize families livelihood, health and safety for the profit of plastic and be allowed to shatter everything that we have worked so hard for our entire life ? You are not protecting us. Why?

We have lost 5 families that we have been neighbors with to Sunoco's buy out and gag order, because their homes were considered condemned. What is our government officials doing to protect us? Continue to give Sunoco the authority to do whatever they want and continue to try again and again when they screw up time after time. This will be their third attempt. Is three times a charm in their eyes? Is it going to take a major disaster/explosion?? Please wake up and stop this nightmare!!

Our neighborhood is a complete circus 24/7 unmarked "security" (I actually asked a "security person" that was parked in front of my home day after day for ID and not only was he completely rude and out of line, he had no identification, even though he told me he was an employee of Sunoco). We have small children living in this neighborhood and we have no idea who these people are. They can't even go in their own neighborhood to play or ride their bikes because there are 18 wheelers driving up and down our street all day long. It is extremely saddening that this drilling process is being allowed.

Please consider the people and not the mighty buck when making your decisions. Look what they have done to our homes and community!!!! Thank you for your time. (21)

### **22. Comment**

I reside 2 houses from Lisa Drive on Michele Drive in West Whiteland Township, PA. I also work from a home office and I have 2 elementary school age children, a wife and 90 year old mother residing in the same home. We have lived on the property for 10 years.

Sunoco/Energy Transfer has made a mess of my used-to-be quiet neighborhood. Before the pipeline work started in the backyard of my former wonderful neighbors on Lisa Drive, our neighborhood had kids playing in the yards and occasionally on the street, riding their bikes, playing street hockey, doing what young kids love to do - enjoy their childhood. The work has been going on non stop, 6 or 7 days a week from early morning until evening for 2 years now. The company secretly bought the homes on Lisa Drive several months ago and had the residents sign non-disclosure agreements so they couldn't share what they knew about the condition of their property, etc. As next door neighbors on Michele, none of us received notice this was happening and why.

All day long our neighborhood is full of heavy equipment traffic, large trucks, entering and exiting the work zone, nearly every worker has a large heavy duty pickup, there are bulldozers, tractor trailer water trucks, cement trucks, mud trucks, etc. - all day, everyday from morning to night. My children walk the street to catch the bus at 7:30AM and there are large trucks entering the neighborhood, one right after the other. When my kids return home at 4:30, there are trucks exiting the neighborhood - every day, non stop! It is not safe for my children to walk the street, I must accompany them everyday to help keep them safe!

I'm concerned about the safety my children, the well being of my 90 old mother (who is awakened every morning early as her bedroom windows face the direction of the construction), and the value of my property. I have lived in my house for 10 years and put considerable equity into it, I'm concerned I may not get any out of it if/when I need to sell to relocate.

Please control, limit, penalize Sunoco/Energy Transfer before more damage is done to my neighborhood or our families. Please compel Sunoco/Energy Transfer to offer monetary damages for loss to our property values, quality of life and risk to our families and children. They have damaged enough already!

Very concerned citizen and neighbor. (22)

### **23. Comment**

“The people have a right to clean air, pure water, and to the preservation of the natural, scenic, historic and aesthetic values of the environment. Pennsylvania’s public natural resources are the common property of all the people, including generations yet to come.” The mariner east pipeline construction has continued to devastate Pennsylvania landscape for the past few years. It is time to shut it down preserve our environment before it’s too late. I not only oppose any drilling or trenching for the Mariner East pipelines but furthermore insist this project needs to be stopped permanently. This has been over 90 inadvertent returns from HDD already and several sinkholes, mainly on Lisa Dr. Permits for any fossil fuel projects are a risk to climate change and Pennsylvania has been contributing for far too long. It’s time for renewable energy to prosper in Pennsylvania.

“To protect Pennsylvania’s air, land and water from pollution and to provide for the health and safety of its citizens through a cleaner environment.” This is the motto of the department of environmental protections, it’s time to start doing what you’re supposed to be doing. Please deny all permits pertaining to the Mariners pipelines, at least until the criminal charges have been processed, to remove all accountable corrupt officials. (23)

## **24. Comment**

According to Sunoco’s letter to the Department dated September 17, 2019 (“September Response”), the Department requested additional information from Sunoco regarding its reevaluation (“Report”) of the horizontal directional drilling indicated by drawing number HDD PA-CH-0256.0000-RR. Pursuant to the Corrected Stipulated Order entered on EHB Docket No. 2017-009-L on August 10, 2017 (“Order”), and on behalf of Clean Air Council, Mountain Watershed Association, Inc., and the Delaware Riverkeeper Network (“Appellants”), please accept these comments regarding the September Response.

Preliminarily, Appellants note that the Department’s request for additional information, which appears to have been shared with Sunoco in an email dated August 13, 2019, was never made public. This is unusual, especially given the high level of concern and public engagement surrounding the incidents at the site. Appellants ask the Department to make that request for information available to the public as has been done for previous sites. Appellants reserve the right to supplement these comments if anything in the Department’s request differs from Sunoco’s presentation of the requests in the September Response.

In addition, Appellants urge anyone at the Department who is assisting in the review of this site to keep in the forefront of their minds the impact Sunoco’s previous failures have had on the neighbors there. Sunoco’s faulty planning and misinformation to the Department quite literally cost families their homes and dissolved a community. Nothing in the Report reflects the gravity of these impacts. But the Department has the opportunity and obligation to do better for the public now.

### **1. Locations of Fill**

The Department has reasonably expressed concern that the areas where Sunoco previously filled sinkholes could be disturbed by new construction and asked Sunoco to account for the filled areas in its plans. Sunoco has provided a diagram of the surface which indicates where it injected fill, but it has not provided a subsurface rendering. The diagram of the surface is of little value. Substantial quantities of flowable fill were injected into the ground and it is unclear how far it might have reached, what shape the stabilized areas have taken, or how it may have altered the surrounding geology. Presumably the surface of the filled area will be visible to the naked eye for anyone working at or investigating the site. It is the subsurface that

particularly requires mapping. Sunoco must also affirmatively demonstrate, per the Department's request, "that these fill areas will remain undisturbed at depth." This requires more than updated diagrams; it requires written analysis which Sunoco has not even attempted to provide.

## **2. Geophysical Surveying**

The Department explained that electrical resistivity should be performed in the area of Direct Pipe installation, but Sunoco seems to have no intention of doing so. The Quantum Geophysics Report attached to the September Response explains that the metal pipes already in the ground could interfere with the survey, but does not rule out using electrical resistivity, and also presents guidance on how to overcome the interference. This might involve extending the survey area to outside the ROW. Given that Sunoco has now bought up much of the land in this area, needing to extend the survey area outside the ROW should not be automatically disqualifying. The information Sunoco includes does not justify its failure to perform the needed surveying. Sunoco should also explore the possibility of gathering the needed subsurface information using gravity methods, or a combination of gravimetry and electrical resistivity. Gravimetry could be performed on a smaller footprint and could produce complementary data. Regardless of which method is used, it is clear additional surveying is needed and the Department should not abandon this concern.

## **3. Contingencies for Earthen Collapse**

The Department explained that Sunoco needs to develop contingencies for if fill material from earthen collapse is encountered during drilling. Sunoco claims that it will collect and recycle the cuttings. This misses the point. The Department should be able to presume that cutting materials are disposed of in accordance with the law. The bigger problem, and what the Department seemed to be getting at, is that there needs to be a contingency plan for a collapse associated with loss of fill material. If fill material is destabilized, this could lead to another sinkhole, threaten the integrity of the existing pipes, and cause other problems. Fill material in the cuttings could be indicative of having disrupted the filled area. Sunoco has ignored this issue entirely, and provided no contingency plan.

## **4. Monitoring**

The Department requested that Sunoco "continuously monitor" "the ground surface along the entire length of the HDD" "during all Direct Pipe boring and trenching activities." One of the four bullet points Sunoco provides is just a few nouns without even a verb to describe what Sunoco says it will do. The HDD IR PPC Plan requires the actions in the other three bullet points. See Section 5.1.4 of the HDD IR PPC Plan. Copying them here misleadingly suggests that these are new commitments rather than pre-existing obligations.

Sunoco has outlined some additional details of how it intends to monitor the site going forward. In regard to the Direct Bore, it is unclear which monitoring practices were used previously and failed when applied to HDD at the site, and if the current proposal represents an improvement. This is fundamental to determining the adequacy of the monitoring plan. In regard to open cutting, Sunoco asserts it will document there are no void spaces immediately adjacent to the new dig to demonstrate it is safe to proceed and will report if it encounters fill material. Notably, Sunoco gives no assurance that it will actually stop construction if it encounters a void or fill material. Sunoco's history suggests it will not. Instead, it is likely to proceed as quickly as possible, even if that means recklessly disregarding risks in order to finish its job before there is a chance an agency can come in and stop it. Since Sunoco does not indicate that it will report a detection of grout promptly or even before finishing the installation, its commitment to report provides little assurance.

### **Conclusion**

Sunoco's cursory response to the Department's concerns is inadequate and dodges the most critical questions. The Department is well aware of the destruction Sunoco caused at this site last time around. It would be foolhardy to expect a safe result this time when Sunoco still has not bothered to provide necessary information and to conduct needed surveys. The proposal should be denied. Thank you for considering these comments. Please keep us apprised of your next steps on the HDD Site.

(24 - 28)

Letter – [Clean Air Council – 9-23-19 – Exton Bypass Crossing](#)

### **25. Comment**

Please accept the following comments in response to the reanalysis of the HDD installation of a 20-inch pipeline under the Exton Bypass submitted by Sunoco Pipeline, L.P. for DEP Permit number EI5-862, HDD Reference number PA-CH-0256.0000-RR filed on September 17, 2019.

Following my review of this report, I have a number of significant concerns related to the stated environmental, safety and quality of life impacts for citizens in West Whiteland Township (Chester County). I was slightly confused by the fact the DEP deviated from the traditional public comment protocol by not publicly publishing the Department's response to Sunoco's submission and subsequent public comment. Rather, Sunoco indicated that the DEP sent an email on August 13, 2019 requesting additional information concerning the Direct Pipe Bore replacement construction plan. It is assumed that the comments provided by Sunoco represent a full listing of Department concern; however, without being able to view a full list of questions, this can not be confirmed. As transparency is crucial given past issues related to this project, I request that the DEP make public any and all communication, complete with all questions to Sunoco, and extend the public comment period following publication. After all, how can the Department expect sincere and comprehensive

public comment when internal communications are being conducted behind closed doors.

This region of Chester County has experienced significant harm directly due to Sunoco's lack of due diligence. Construction activity that resulted in sinkholes rendered a community unlivable and forced the relocation of individuals who have lived in their family homes for generations. Sunoco points to the presence of the Marctic Thrust Fault zone as a direct contributor to the formation of these sinkholes. I agree that the existence of this fault, exacerbated by poor planning on behalf of Sunoco, led to the development of significant subsidence and the eviction of Chester County citizens from their homes. With this in mind, I am baffled by Sunoco's claim that alternative routes are impractical and strongly insist that the Department require sincere consideration of abandoning this region from further construction disturbance. Further, I was surprised to note that, while the Marctic Thrust Fault zone was listed in documentation presented by Sunoco on May 30, 2019, this fault line was not indicated on any of the engineering displays provided with the more recent filing.

Finally, I was concerned that while the DEP requested the use of electrical resistivity method to identify subsurface conditions, documentation provided by Gannett Fleming explained that such an investigation could not occur as the existing 8" and 12" pipelines in the ROW would interfere with results. They continue to explain that alternative methods to identify subsurface conditions may be impractical due to the fact they would need to be conducted outside of the pipeline right-of-way. While I am concerned with this response, I am not surprised. Time and time again, Sunoco has responded to direct requests from the DEP with avoidance or excuses. The result of which has led to a growing number of sinkholes, inadvertent returns, damaged wells, and homeowners being evicted. With this in mind, I request the DEP refuse to approve any permits submitted by Sunoco until such time that requested geophysical investigations are complete.

While Sunoco has gone through the motions of reevaluation, it is clear that the information provided is insufficient. It is my strong recommendation that the Department reject this report as incomplete, require Sunoco to perform complete impact evaluations to ensure construction activities do not cause permanent and irreparable harm to the environment and safety of citizens in West Whiteland Township, and conduct a full public comment process. (29)

Letter – [Senator Andrew Dinniman – 9-23-19 – Exton Bypass Crossing](#)