

DEAR ROSEMARY CHIAVETTA,

PLEASE ACCEPT THESE PAPERS AS MY
RESPONSE TO THE RESPONDENT'S
PRELIMINARY OBJECTIONS TO MY
FORMAL COMPLAINT

RECEIVED

SEP 25 2018

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

WILMER BAKER
COMPLAINANT

VS

DOCKET C-2018-3004294

SUNOCO PIPELINE
RESPONDENT

RECEIVED

OCT - 9 2018

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

I INTRODUCTION

1. FALSE, A CLAIM IS BEING MADE
OF ALARM SYSTEM, TRAINING PERSONAL,
AND REPAIRS OR REPLACEMENT,
BE OF AMERICAN STEEL IN ACCORDS
WITH IMPORT LAWS!

II ARGUMENT

1. A LEGAL STANDARD
2. RELIEF IS NOT WARRANTED AND
FREE FROM DOUBT, BECAUSE OF THE
SAFETY ISSUES THAT THEY ARE DOUBTING,
DO EXIST!

III (3A) TRUE THEY SHOULDN'T BE CONSIDER
TRUE UNLESS BACKED UP BY FACTS!

(3B) RECOVERY IS POSSIBLE IF SUNOCO
WANT TO PROTECT PEOPLE LIVING IN
THE WAY OF THE PIPELINE AND
OBEYING SAFETY RULES.

(6B1) NOT SENDING OUT SAFETY PAMPHLET
FEDERAL REGULATIONS! SAFETY 59.33 TRAINING

4) OMITTED, SAFETY PAMPHLET SENT OUT, OMITTED PROPER SAFETY TRAINING, SAFETY 59.33

5) REGULATIONS, SAFETY 59.33, A, B 52 PA. CODE & 59.36

6) SAFETY MANUAL IS NOT BEING MAILED OUT CONSISTENT WITH FEDERAL REGULATIONS, AND THEIR PUBLIC SAFETY AWARENESS PROGRAM INT REAKHING THE PUBLIC

7) CLAIM IS MADE, REPLACE GIP 1931 M.E.I. PIPELINE THAT PROVIDES PIPELINE SAFETY ACT OF 1965 WITH AMERICAN MADE STEEL VIOLATION 59.33, A, B, 52 PA CODE & 59.33

8) 49 U.S.C.A. § 60101-60503 (49 C.F.R. PARTS 191-193, 195, 199) 2016 (PHMSA) ISSUED BULLETIN OF X-70 PIPES BEING MINIMUM STANDARDS.

I SENT PICTURES SHRWING SUNOCO LOGISTICS RELIED ON MINIMUM STANDARD PIPES FROM FOREIGN COUNTRIES.

(SOME AMERICAN STEEL WAS USED HOPEFULLY IN ACCORDANCE WITH FEDERAL IMPACT LAW???)

9) FALSE, REGULATIONS ARE BEING BROKEN, AND THE SAFETY REQUESTS WILL BEING SUNDOS LOGISTICS CLOSER TO COMPLYING WITH REGULATIONS.

THUS THE COMPLAINT IS LEGALLY SUFFICIENT!

(10A) FALSE, UNDER 59.33 SAFETY A. RESPONSIBILITY, YOU CANT WARN PUBLIC WITHOUT 'ALARM SYSTEM'

(10B) ALSO YOUR OUTREACH PLANS ARENT RECKING CUMBERLAND COUNTY, YOUR RELYING ON INFORMATION PERTAINING TO A DIFFERENT JURISDICTION OF PA.

(11) FALSE, YOUR TRAINED EMERGENCY PERSONAL ARE ALMOST NON-EXISTENT WERE STRETCHED TO FAR FOR ADEQUATE PROTECTION, PUTTING US IN DANGER (SAFETY 59.33) INFORMATION DOESNT PERTAIN TO OUR AREA.

(12A) FALSE, THERE ARE IMPORT LAWS THAT SAY A CERTAIN AMOUNT OF AMERICAN MADE STEEL BE USED IN DOMESTIC PROJECTS.

(ARTICLE 7 PAGE 3) IN YOUR PRELIMINARY OBJECTIONS SAIDS YOU ALREADY DOING THIS!

(B) (Question) HOW DO YOU REPAIR AN 80 SOME YEAR OLD IRON PIPE WITH STEEL?

LEGALLY SUFFICIENT, BRING M.E.I. UP TO STANDARDS OF 1968 SAFETY ACT!

(C) NO RESPONSE REQUIRED

(13A) FALSE, CLAIMS ARE LEGALLY SUFFICIENT

(B) NO RESPONSE REQUIRED

(C) NO APPEAL NEEDED FOR FALSE INFORMATION

13C SUPPLIED BY SUNOCO
FOR CUMBERLAND COUNTY!

14) TRUE, BUT HONORABLE ELIZABETH
BARNES SHUT DOWN ME1, ME2,
PIPELINES UNTIL JUNE '14 2018!
NO COLLATERAL ATTACK, SUNOCO'S
INFORMATION DOESN'T PERTAIN
TO CUMBERLAND COUNTY!
BECAUSE ITS FALSE!

15) SAFETY (59.33) YOUR PUBLIC
OUTREACH PROGRAMS AREN'T REACHING
THE PUBLIC - IN CUMBERLAND COUNTY!
YOUR ASSESSMENTS ARE BASED ON
DINNIMAN VS SUNOCO PIPELINES
(P-2018-3001453) AUGUST, 14, 2018
NO COLLAT. ATTACK, JUST
OBSERVATION, WERE NOT PREPARED

16) ME2 (2X) BUILT WITH MINIMUM
SAFE STEEL
NO REPLY NEEDED!
BUT ALL ARE LEGALLY SUFFICIENT!

PLEASE ACCEPT THIS AS NEW
MATTER TO BE CONSIDER IN CASE
(C-2018-3004294)

① VIOLATION OF 52. PA CODE SECTION
1.56(A) MAILING SENT TO ME LATE,
RECEIVED THE 18TH (2 DAYS LATE)

② JUDGE BARNES DECISION

③ SUNOCO'S RESPONSE TO COUNTY
COMMISSION'S REQUEST. (I TOOK THE
TIME TO RESEARCH THIS.)

(FIRST) MIKE CHESTNUT'S LETTER, NOT
TRAINED TO RESPOND TO ACCIDENTS!

(SECOND) 9/24/2018, ATTENDED UPPER
FRANKFORDS TOWNSHIP'S MEETING,

(TOLD, THEY WEREN'T TRAINED,
BUT THEY RECEIVED, CERTIFICATE
OF COMPLETION)! THIS TO HAVE

BEEN THERE TRAINING

(THIRD) NEWS ARTICLE, LOWER
FRANKFORD, DOESNT HAVE CONTACT
WITH SUNOCO!

(SOUNDS LIKE FRAUD)?

NONE ARE TRAINED!

④ NINE ARTICLES DEALING WITH
SONOCO!

I PRAY THE COMMISSION TO
FIND MY COMPLAINT TO HAVE MERIT

Sincerely Yours
Wilma Jay Baker
Wilma Jay Baker
Oct 15/2018

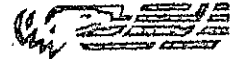
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U.S. POSTAGE >> PITNEY



ZIP 17101 \$ 002
02 4W
0000354161 SEP 17

Harrisburg Energy Center
100 North Tenth Street
Harrisburg, PA 17101

Hawke
 Mckeon &
 Sniscak LLP
ATTORNEYS AT LAW

To: Wilmer J. Baker
430 Run Road
Carlisle, PA 17015

This was not delivered
the 17th
Mandy Tassin

For Immediate Release

Contact: Kathryn Urbanowicz, Clean Air Council kurbanowicz@cleanair.org, 215-567-4004 x106

PHILADELPHIA, PA (June 14, 2018) --

On Thursday, the Public Utility Commission voted to uphold in part and deny in part an order by the Honorable Elizabeth Barnes shutting down the operation of Sunoco's Mariner East I pipeline and construction of the Mariner East 2 pipelines in West Whiteland Township, Chester County. The Order was in response to a request from State Senator Andrew Dinniman seeking relief for his constituents from ongoing health and safety threats posed by the pipelines. Clean Air Council intervened in Senator Dinniman's case before the PUC in support of his request and participated in the evidentiary hearing and briefing. Judge Barnes' order requires a risk analysis and integrity management program to be created to warn and protect the public from danger and to reduce hazards posed by the pipelines. Hundreds of residents and many elected officials reached out to the Commission to express their support for these protections. With today's vote, operation of Mariner East I will resume, but construction of Mariner East II in West Whiteland Township remains suspended.

"Clean Air Council is honored to be part of the incredible grassroots movement that led to today's decision continuing the suspension of Mariner East 2 construction in West Whiteland Township, and to support the efforts of Senator Dinniman and the communities who stood up to make this possible. The threats posed by Sunoco's Mariner East project do not end at the West Whiteland Township line. Communities should continue bringing their concerns to the Commission," said Joseph Minott, Executive Director and Chief Counsel of Clean Air Council.

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August 24, 2018

Cumberland County Board of Commissioners
One Courthouse Square
Room 200
Carlisle, PA 17013

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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

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Dear Cumberland County Board of Commissioners,

I received your August 13, 2018, letter to Matt Ramsey, which was forwarded to me. I look forward to the opportunity to continue our communications with the Lower Frankford Township Board of Supervisors and your first responder organizations about the Mariner East project as we have been doing since 2014.

An integral part of this communications is the "Mariner Emergency Response Outreach (MERO)" training program that was launched in 2014 to ensure that first responders along the Mariner East corridor were trained on pipeline safety and the characteristics specific to transporting natural gas liquids. Since that time, Sunoco Pipeline has conducted more than 80 MERO Training sessions with over 2,000 first responders across the pipeline footprint including Cumberland County. In Cumberland County specifically, more than 150 responders have participated in six training sessions since 2014. This includes participation from 12 Cumberland County government representatives and representatives from Upper and Lower Frankford townships.

To that end, we offered on multiple occasions to schedule additional meetings and trainings for representatives from Lower Frankford Township to further ensure your local emergency preparedness organizations are equipped with the knowledge and training to safeguard the community. That offer still stands today.

Additionally, we invite you and members from the Cumberland County first responder community to attend the upcoming *Paradigm Core-Ex Emergency Response Training* to be held at the Harrisburg Best Western at 800 E. Park Drive at 5:30pm on Wednesday September 12, 2018.

At Sunoco Pipeline, safety is our top priority at all times and that begins with our rigorous integrity management program and first responder outreach. Attached you will find additional information on pipeline safety and operations and how the Mariner East project has gone above and beyond to ensure safe operations in your community.

Sincerely,

Matthew Gordon
Senior Director, Pipeline Operations
Sunoco Pipeline

SEP 21 2018

Mike Chestnut with the NMFC
as a Fire Police officer.
We do as a Fire Police we are
not ~~training~~ trained.

Mike Chestnut

Fire Police Lieutenant

CERTIFICATE OF COMPLETION



Awarded to:

STEVE ARMOLD

for attendance of the following program:

Pipeline Emergency Response & Awareness for Excavator Operations

Attended: September 24, 2014 Chambersburg, PA



Steve Roberts

Steve Roberts
Director of Corporate Training

Pipeline

From A1

how much the township gets reimbursed for damage to its roads.

"Beyond that, the process is pretty much all in the hands of the DEP [Pennsylvania Department Environmental Protection]," Burkholder said.

The Mariner East 2 pipeline will carry liquefied gas, hydrofracked from shale formations in western Pennsylvania, to the Marcus Hook Industrial Complex near Philadelphia for processing.

Throughout most of Cumberland County, Mariner East 2 is being built alongside Mariner East 1, a line that was installed in 1931 to carry oil, but was recently re-purposed to transport higher-pressure liquefied gases.

Limited information

According to Lower Frankford residents, communications from Sunoco have provided limited safety information about either pipeline, with communications focusing on marketing the economic benefits of the pipeline.

This appears to be a significant departure from previous communications, resident Wilmer Baker said.

Baker provided a safety pamphlet from Sunoco he said he received years earlier when he moved into his property. The pamphlet gives dire warnings about what to do if you suspect a pipeline leak near your home, including not starting your car, or even using a door knocker,

for fear of sparks.

"I have a wood stove that runs 24 hours a day," Baker said. "What am I supposed to do if this thing gives out? They're cranking up the pressure on an iron line from the 1930s, but all we get now is the propaganda, no new safety information."

The state's Public Utility Commission and administrative law judge appear to agree with Baker.

In March, the administrative court shut down Mariner East 1 flow after Mariner East 2 construction in Chester County caused massive sinkholes that exposed the original Mariner East 1 line.

The court allowed the pipeline to resume operation on May 3, but shut it down again three weeks later over safety concerns similar to those voiced by Lower Frankford residents on Tuesday night. As of June 14, Sunoco is again allowed to operate the pipeline.

In the May 21 shutdown order, Administrative Judge Elizabeth Barnes found that "Sunoco has made deliberate managerial decisions to proceed in what appears to be a rushed manner in an apparent prioritization of profit over the best engineering practices available in our time that might best ensure public safety."

In the past year, Mariner East 1 has experienced three leaks, all of which Sunoco failed to identify and report. In one instance it took Sunoco officials 90 minutes to close off Mariner I after being informed of a leak in Berks County that resulted in a 1,000-gallon spill of liquefied gas, Barnes said.

In reference to Mariner East 1 being strong enough for conversion from low-pressure oil to high-pressure liquefied gas, Barnes found that "there is insufficient evidence to show whether the pipe has been properly tested for re-purposing."

1931 line

Sunoco has submitted no reports that would indicate the line, built in 1931, would be able to accommodate high-pressure loads of shale gas liquids, known as highly volatile liquids, according to the shutdown order.

"I question whether the [Mariner I] pipe meets today's engineering standards to hold the HVLs of ethane, butane and methane gases, especially so close to dwellings," Barnes wrote.

She also found that "there is a substantial issue regarding whether Sunoco has adequately created and trained its personnel and first responders of townships along its route regarding proper emergency response and evacuation procedures."

That would seem to be the case in Lower Frankford. Burkholder said the township supervisors have had "no direct report" from Sunoco, beyond pamphlets the company gave them to hand out to residents.

The company's June newsletter contains no concrete emergency response information, but it does devote considerable space to complaining about the Mariner East 1 shutdown decision, calling Barnes' ruling "a significant departure from the law and the due process procedures that

the PUC follows."

The newsletter even contains a graphic of sizzling steaks with the tagline "re-starting Mariner East 1 will make cookouts more affordable" due to lower energy transport costs.

"They send us all this stuff about energy prices, but they still can't tell the township what we're supposed to do when this thing blows up," Baker said, referencing the explosion of the Columbia Gas Transmission line in West Virginia last month.

"Remember, that line was brand new, not 80 years old," Baker said.

In response to the shutdowns, Sunoco has submitted exhibits to the PUC detailing safety measures. These include safety literature similar to that which Baker had received in the past, and details of training sessions for local emergency responders.

If Lower Frankford officials or residents feel Sunoco isn't actually carrying through on those plans, they can take action through the PUC, PUC spokesman Nils Hagen-Frederiksen said.

"There are state and federal requirements for [Sunoco] to have outreach campaigns and interaction with emergency responders," Hagen-Frederiksen said. "If people don't feel they're getting the necessary information or interaction from Sunoco, we encourage them to raise that issue with the PUC."

Remediation

Other Lower Frankford residents voiced concern with ongoing environmen-

tal remediation and access issues.

Vern Leach said that Sunoco had cut his fences to run Mariner East 2 under his farm, and now wants to put in gates so that workers can access the line in the future, even though the company doesn't have right-of-way.

Drilling fluid and mud has leaked to the surface of the wetlands surrounding Locust Creek, which abuts Leach's property, leaving a hardened layer of silt under the marshes, he said.

"They cut our fences, so we can't use it for pasture, and they destroyed the wetlands," Leach said. "It's as hard as a rock just below the surface."

Two incidents involving Locust Creek and its associated wetlands, referred to by the state as Wetlands J35, are cited in the April 27 "consent assessment" between Sunoco and the DEP, which fines Sunoco \$355,622 for dozens of instances of "inadvertent return" during the construction of Mariner East 2.

"Inadvertent return" is an industry term for incidents in which underground drilling fluid and mud escape the drilling path and cause contamination, either by entering underground aquifers or soil voids, or by flowing up to the surface.

Locust Creek and Wetland J35 experienced a 500-gallon inadvertent return on Sept. 27, 2017, and another 100-gallon incident on Feb. 27, 2018, according to the consent assessment.

DEP records show 31 incidents of inadvertent return in Cumberland County since April 2017, with prob-

lems still ongoing.

The most recent violation was issued this week — July 9 — in which the DEP and county conservation district documented a one-gallon inadvertent return in Wetland I32 along LeTort Spring Run in Middlesex Township.

Many of the inadvertent returns are of small volumes. But one stands out, an incident between May 6, 2017, and May 19, 2017, in which 170,000 gallons of inadvertent return flowed into Wetlands I30 and I32.

One Cumberland County incident was also cited in the DEP's \$12.6 million penalty assessment against Sunoco in February.

That incident did not involve inadvertent returns. On Dec. 18, 2017, county officials discovered that Sunoco officials were conducting directional drilling near North Locust Point Road in Silver Spring Township even though Sunoco officials were told to install pipe using open trench cuts and had not obtained permits for horizontal drilling at that site.

But with the sheer volume of violations and fines piling up, local residents have expressed doubt that the state has the tools to force Sunoco to stop acting recklessly, let alone fix the damage.

"They make a big deal out of a \$12 million fine, but that's a drop in the bucket for a company like Sunoco," Leach said. "They have no incentive to stop doing what they're doing."

Sunoco did not return requests for comment.

Email Zack at zhoopes@cumberlandlink.com.

Close

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~~SEP 25 2018~~

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https://cumberlink.com/news/local/sunoco-a-no-show-in-lower-frankford-as-contamination-complaints/article_9d848001-4d61-5edb-b257-60e0709a7252.html

TOP STORY

Lower Frankford Township

Sunoco a no-show in Lower Frankford as contamination complaints, safety concerns pile up

Zack Hoopes The Sentinel Jul 14, 2018

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Vern Leach inspects his property where Sunoco Pipeline LP placed a pipeline in Lower Frankford Township.

Michael Bupp, The Sentinel

Sunoco Pipeline LP officials did not show up as promised to a public meeting Tuesday night with the Lower Frankford Township supervisors, leaving roughly 20 residents of the rural municipality concerned that their safety questions about the Mariner East pipelines would not be addressed.

“They called us about an hour ago and said they won’t be coming, so we won’t be discussing the pipeline tonight,” Supervisor James Burkholder said during the meeting.

The township will attempt to schedule Sunoco officials to attend another meeting, Burkholder said, ideally when the township’s attorney is available to discuss the municipality’s control over the pipeline process, which is limited.

At Tuesday’s meeting, the township also approved an invoice from Brehm-Lebo Engineering for inspections along the pipeline construction routes, a process that will help determine how much the township gets reimbursed for damage to its roads.

“Beyond that, the process is pretty much all in the hands of the DEP [Pennsylvania Department Environmental Protection],” Burkholder said.

The Mariner East 2 pipeline will carry liquefied gas, hydrofracked from shale formations in western Pennsylvania, to the Marcus Hook Industrial Complex near Philadelphia for processing.

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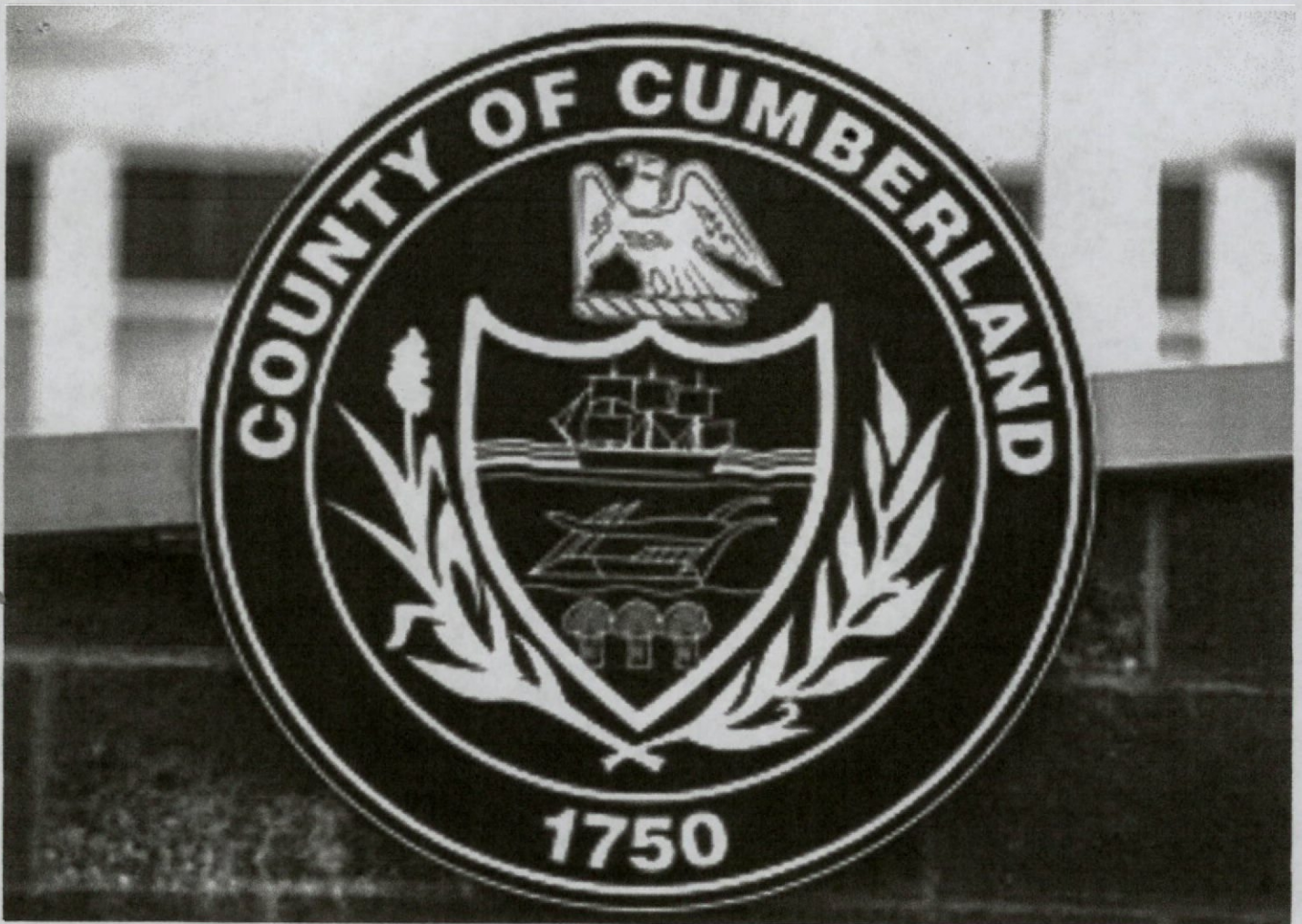
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Sunoco did not return requests for comment.

Email Zack at zhoopes@cumberlandlink.com.

MORE INFORMATION



Cumberland County Commissioners push for meeting with Sunoco

- Cumberland County commissioners continue to put pressure on Sunoco for meeting

Zack Hoopes

Reporter

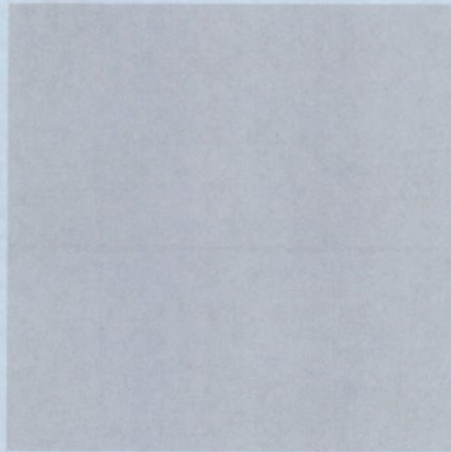
Reporter for The Sentinel.

https://cumberlink.com/news/local/cumberland-county-commissioners-continue-to-put-pressure-on-sunoco-for/article_35540905-bf93-57ee-96bb-af805f2f4159.html

Cumberland County commissioners continue to put pressure on Sunoco for meeting

Zack Hoopes The Sentinel Sep 19, 2018 Updated Sep 19, 2018

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Hertzler



Crews work on Sunoco's Mariner East 2 pipeline project in Silver Spring Township in 2017.

Sentinel file



10 Coolest Cars Under \$18,000

The top spot goes to an all-star making its 14th appearance in a row. Keep cool with these 10 cars under \$18K.

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TownNews.com Content Exchange

The Cumberland County commissioners are still pressing for a meeting with Sunoco LP officials after receiving a boiler-plate response to the county's last plea for a public meeting.

The county sent a letter on Sept. 13 to Sunoco expressing dismay at the pipeline's response to the county's initial request made on Aug. 13.

"We find it inexplicable that you did not respond to the primary request of our letter," the commissioners wrote. "We will assume that since you did not respond to our request to attend a county-hosted meeting to answer individual questions and concerns from our constituents about pipeline safety that your company isn't interested in addressing those individual citizen questions and concerns."

The county asked Sunoco to “reconsider and agree to attend a public meeting.”

Sunoco a no-show in Lower Frankford as contamination complaints, safety concerns pile up

The county’s request came after Sunoco bowed out of a July 10 township supervisors meeting in Lower Frankford Township, apparently notifying the supervisors only an hour before the meeting that company representatives did not plan to show up.

Residents had gathered to voice their concerns regarding the Mariner East pipelines, which run through Lower Frankford, as well as several other municipalities in Cumberland County.

Sunoco’s Aug. 24 response to the county’s initial letter did not respond to the request for a public meeting one way or the other, but included information about first-responder training provided by Sunoco.

“We found it a little inexplicable that they didn’t really respond, they just told us about training opportunities involving first responders,” said county commissioner Jim Hertzler.

“We realize we don’t have any jurisdiction over this,” Hertzler continued, “but good public relations would seem to dictate that sending some representation to a public meeting would just be a matter of being a good corporate citizen.”

Energy Transfer Partners — the company under whose banner Sunoco Logistics is operating — is constructing the Mariner East 2 pipeline roughly along the same route as the existing Mariner East 1, which was completed in 1931. The lines carry liquefied gases, hydrofracked

- from shale formations in western Pennsylvania, to the Marcus Hook Industrial Complex near Philadelphia for processing.

Lower Frankford landowners, along with many others in Cumberland County and the state as a whole, have voiced concerns over the environmental impact of Mariner East 2 construction, as well as safety issues regarding Mariner East 1.

As documented by The Sentinel last month, escaped drilling fluid and debris have turned wetlands and pasture “hard as a rock” with silt and shale fragments, according to Lower Frankford farmer Vern Leach.

This is the effect of frequent “inadvertent returns,” an industry term for incidents in which underground drilling fluid and mud escape the drilling path and cause contamination, either by entering underground aquifers or soil voids, or by flowing up to the surface.



Records from the Pennsylvania Department of Environmental Protection show 37 incidents of inadvertent return in Cumberland County having occurred since April 2017 in conjunction with Sunoco’s Mariner East 2 construction.

The last violation issued by the DEP to Sunoco was just last week, with an inadvertent return of 7 gallons into LeTort Spring Run in Middlesex Township occurring on Sept. 13.

Middlesex has also seen one of the largest inadvertent returns in the state, according to DEP records — a leak of 170,000 gallons of drilling fluid into Wetlands I30 and I32 along LeTort Spring Run between May 6 and May 19, 2017.

Residents have also voiced concerns over the re-purposing of Mariner East 1.

Originally built to carry oil, Mariner East 1 has been converted to carry shale gas liquids at much higher pressure. The line was shut down for two periods of time earlier this year after complaints were lobbied through the Pennsylvania Public Utility Commission.

In those cases, the administrative law judge found that Sunoco had provided insufficient evidence that the 1931 line could handle high-pressure liquefied gases. Three leaks along Mariner East 1's length had occurred in the past year, the judge found, with Sunoco apparently not noticing one leak and taking 90 minutes to close it off after they were notified, resulting in a 1,000-gallon chemical spill.



This article originally ran on cumberlink.com.

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https://www.dailylocal.com/news/local/lawmakers-call-for-pipeline-halt-after-explosion/article_67ae6552-b52e-11e8-ae30-0f61dd282387.html

Lawmakers call for pipeline halt after explosion

By Bill Rettew Sep 10, 2018

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CENTER TOWNSHIP — A Monday 5 a.m. Sunoco pipeline explosion destroyed a Beaver County home, two garages and a number of automobiles.

No one was injured. Those within a half-mile radius were evacuated. The fireball was extinguished by 7 a.m.

A Sunoco/Energy Transfer Corp. spokesperson said later Monday morning that the cause of the blast was unknown and is being thoroughly investigated. An automated system detected and then shut down the system. The pipe was buried three feet deep. The pipeline opened Sept. 3.

State Rep. Chris Quinn, R-168, issued the following statement in response to the explosion:

“Today’s pipeline explosion in Beaver County was a graphic illustration of my worst fears – and the fears of many local residents – related to the construction of the Mariner East pipeline.”

“While I am relieved to know that no injuries occurred, I also realize that this area of Beaver County is far less dense than the pipeline corridor in Delaware County. A similar incident in my district could have a greater human toll.”

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"Therefore, I am calling for an immediate halt to all pipeline construction activities. This pipeline should not be built until the real and legitimate safety and environmental concerns raised by myself and local residents have been fully addressed.

"It is the responsibility of Sunoco Logistics and Energy Transfer Partners to prove that the tragedy that happened today in Beaver County – including the evacuation of residents and closure of a school – could never happen in our community. If they are unable to do so, then this pipeline should not be built. Public safety must be the top priority."

State Sen. Andy Dinniman, D-19, commented: "With every week we have more and more evidence why highly volatile natural gas liquid pipelines should not be in high-consequence areas and how Sunoco and Energy Transfer Partners have an abysmal track record when it comes to public safety. The explosion in Beaver County is a chilling reminder of just how powerful and dangerous these pipelines can be.

"Simply put: this is not a political issue. It's a safety issue. These kinds of pipelines shouldn't be so close to our schools, residential neighborhoods and community centers. And the Mariner East pipeline project should be permanently halted until we get straight answers and real assurance that they're being installed, inspected and operated with safety as the top priority."

State Sen. Tom McGarrigle, R-26, also called for a halt in construction of the Mariner East 2 pipeline in Delaware County until community safety could be assured.

"I believe that Energy Transfer Corp. should halt construction of the Mariner East 2 pipeline until the cause of the explosion of its pipeline in Beaver County is investigated, and the safety of our residents can be assured," McGarrigle said.

"In addition to causing great concerns among residents in the early morning hours, the Beaver County blast destroyed one home, prompted the evacuation of up to 30 others, forced the cancellation of class at nearby schools, shut down an interstate highway, and caused power lines to fall on nearby roads," McGarrigle said. "Although there have been no reported injuries, this was a significant incident."

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"While we have highly skilled workers in our area, and this project is creating good jobs for them, everyone agrees that safety must come first. Therefore, I believe a pause in local pipeline work is the most prudent course of action."

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Sunoco officials respond to pipeline safety concerns

Staff Report Aug 3, 2017

West Chester >> In wake of Wednesday's safety meeting, Jeff Shields, Sunoco Pipeline communications manager, released the following statement:

We understand that the safety of the community is our first responsibility. We are building a safe pipeline, under the strict federal safety regulations that are enforced by both the U.S. Department of Transportation and the Pennsylvania Public Utility Commission.

Sunoco has incorporated additional processes in excess of minimum federal pipeline safety regulations that should assure the safety of this proposal across the Township," according to a report filed by Richard Kuprewicz, president of Accufacts and an expert hired by West Goshen Township.

While the report looks specifically at West Goshen Township, Accufacts also examined Sunoco Logistics' practices throughout the system in key areas. Regarding welding, for instance, federal regulations call for at least 10 percent of pipeline girth welds to be x-rayed, "the gold standard" in assessing the integrity of these welds. Sunoco Logistics x-rays 100 percent.

Other areas in which Sunoco Logistics exceed federal regulations include:

- Integrity Testing (Sunoco Pipeline plans for testing the Mariner East 2 pipeline before it is placed in service)
- Pump station design• Pipeline monitoring
- Release detection• Emergency notification

Regarding a safety plan, we have required spill response plans that are approved by and filed with the U.S. Department of Transportation's Pipeline and Hazardous Materials Safety Administration. We work closely with County Emergency Services across the state to coordinate responses at the county and municipal levels.

Because Sunoco Pipeline does not have the authority to evacuate anyone, we consult with local emergency responders before the pipeline is operational, and offer training sessions to them, to help them develop their own notification and response plans including evacuation. Those individual plans tend to take into account all possible hazards, because plans need to be broad and flexible enough to be applied to variety of situations. If you speak with your local first responders and emergency response folks, they should verify these facts.

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In an emergency, our trained incident command teams would immediately respond, connect with local responders, and provide them information so they can decide the best course of action depending on weather conditions, nature of the emergency, and other variables.

We also know from talking to first responders that they regard pipelines as the safest way to transport petroleum products (which do include propane, butane and ethane).

Natural gas liquids are not new to Chester County. In addition to the Mariner East 1 line, which has been operating with NGLs since the end of 2014, there is another company's propane pipeline that has been running safely through Chester and Delaware County for decades. That's in addition to a dozen natural gas pipelines of similar size to, or significantly larger than, the Mariner East 2 pipelines, that have been operating safely through populated areas, again, for decades. We have been transporting NGLs safely for more than 50 years.

We will build a safe pipeline.

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Sunoco replaces sections of Mariner East 2 pipeline

Digital First Media Aug 23, 2018

In addition, Dinniman took aim at the Pennsylvania Public Utility Commission, the state agency entrusted with pipeline safety in Pennsylvania.

He said the PUC when asked, refused to share information about pipeline removal operations with his office and the public when he said the PUC when asked, refused to share information about pipeline removal operations with his office and the public when he

Faulty sections of the Mariner East 2 pipeline project are being removed and replaced by Sunoco in Delaware County and possibly other areas around Pennsylvania, state Sen. Andy Dinniman, D-19, said Thursday.

"The Mariner East project involves hundreds of miles of pipeline," Dinniman said. "You have to wonder how safe they are and how Sunoco determines which are safe to use.

"This only raises more serious questions and safety concerns about this hazardous materials pipeline project – one that has been characterized by a long and growing list of problems since it began last summer."

According to field reports from Edgmont Township's engineering contractor, segments of pipeline at the junction of Valley Road and Sweetwater Road are being removed due to "a coating flaw" or "coating issue."

"The section of pipe with a coating flaw has been removed," read an Aug. 16 field report from the contractor, Yerkes Associates Inc. "A new piece of pipe is being installed.

"Welding is in progress. X-Ray inspection is next, coating of weld follows with inspections for the coating."

"Crews are on-site excavating pipe recently installed," reads another field report dated Aug. 14. "A coating issue arose on a different piece of pipe to be installed. Manufactured and shipping dates used to trace other pipes in the same shipment. Each section of pipe is recorded upon installation of location."

Dinniman said the documents raise a number of questions about Sunoco's procedures for ensuring its pipelines are safe to carry highly-volatile natural gas liquids.

"The August 14 report seems to indicate that Sunoco didn't realize these sections of pipe were flawed until the problems were traced to others in the same manufacturer's shipment," Dinniman said. "So, if the process is to thoroughly inspect the pipelines when they are installed, as indicated in the August 16 report, then why didn't Sunoco detect the flaws then?"

"Keep in mind, these segments of pipe were in the ground and it sounds like they were ready to go when the flaws were discovered. I shudder to think what would have happened if they weren't."

Sunoco spokesperson Lisa Dillinger said the work involves normal maintenance.

"All work is constantly checked and rechecked, and if something needs to be redone or recoated during construction that is what we do, just like any construction project," Dillinger wrote in an email. "It does not impact the overall project."

"Our primary goal has been and continues to be to build a pipeline that is constructed to the highest standards. There is one section of the pipe that is being replaced as a preventative measure due to the cathodic coating on that particular section not meeting our standards."

Dinniman also pointed out that sections of Mariner East 1, an 87-year-old repurposed petroleum pipeline that is now actively carrying hazardous natural gas liquids, have been replaced over the years. The detection and removal of faulty Mariner East 2 segments raises questions about how Mariner East 1 segments were inspected for safety.

In addition, Dinniman took aim at the Pennsylvania Public Utility Commission, the state agency entrusted with pipeline safety in Pennsylvania.

He said the PUC, when asked, refused to share information about pipeline removal operations with his office and the public when he first learned of and inquired about it. Instead, Dinniman obtained the documentation from a local citizen's Right-to-Know request.

"That same situation has played itself out again and again on this project," Dinniman said. "Time after time, the residents themselves are the eyes and ears of pipeline safety in Pennsylvania, rather than the state agencies that are supposed to be in charge,

"The PUC appears to be either willfully oblivious or woefully inept when it comes to recognizing and addressing the ongoing safety issues and concerns associated with this project.

"As a result, in this instance, we only know about defective segments of pipeline being removed in Delaware County. Meanwhile, citizens groups are reporting the same thing happening at other locations throughout the Commonwealth."

Dinniman said the exact same scenario is taking place when it comes to the need for an independent risk assessment of the Mariner East project.

"While the governor has called on the PUC to conduct such an assessment, it refuses to do it. So, citizens have raised private funds and contributions from impacted municipalities to get it done," Dinniman said. "While Sunoco rushes this project along with little regard for safety and state agencies continue to fall short, local residents and municipalities are doing the real work because at the end of the day we're going to have to live with the consequences."

In other related news, two more townships, Uwchlan and Willistown, agreed this week to fund a pipeline risk assessment.

The following townships have donated toward the \$60,000 cost of the risk assessment and software: Uwchlan (\$5,000); Willistown (\$2,000); East Goshen (\$5,000); Westtown (\$2,000); and West Whiteland (\$2,000).

As of Thursday afternoon, \$54,678 was collected from both private and public donors, according to a www.gofundme.com account.

The risk assessment will assist with planning and training of first responders and others in case of a pipeline emergency.

While the Mariner East pipelines weave through Chester and Delaware counties, the study and software would be applicable to other

Uwchlan supervisors signed a resolution stating that the project will "reduce vulnerability of people and communities in this Commonwealth to damage, injury and loss of life and property resulting from disasters; help it to prepare for prompt and efficient rescue, care and treatment of persons victimized or threatened by disaster; and assist in prevention of disaster caused or aggravated by inadequate planning for and regulation of public and private facilities and land use."

Caroline Hughes, a member of Del-Chesco United for Public Safety, released the following comment: "The Citizens' Risk Assessment is the result of an unprecedented partnership between Delaware and Chester County residents and local, county and state elected and appointed officials to objectively assess the risk the Mariner East project poses to our communities. Sunoco has a long history of federal and state enforcement action for failing to meet minimum standards. The public deserves to know the risks associated with these very dangerous materials to our homes, our schools, and our families. We are pleased that five municipalities have joined over 300 citizens in this historic joint effort, and we look forward to presenting the preliminary results of this study to our community."

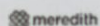
Fundraising for the Del-Chesco United for Public Safety study is managed by nonprofit Clean Air Council.

Members of the citizens group, Del Chesco United for Public Safety, will unveil the preliminary results of the citizens risk assessment at a public meeting set for Tuesday, Aug. 28 at 7 p.m. at Fugett Middle School.

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Lawmakers call for halt to pipeline construction in light of gas explosion

By Bill Rettew Sep 11, 2018



Two Delco legislators are calling for a halt to all construction on the Mariner East 2 pipeline.

CENTER TOWNSHIP — A Sunoco pipeline explosion destroyed a Beaver County home, two garages and a number of automobiles at 5 a.m. Monday.

No one was injured. Those within a half-mile radius were evacuated. The fireball was extinguished at the 24-inch natural gas gathering line by 7 a.m.

A Sunoco/Energy Transfer Corp. spokesperson said later Monday morning that the accident is being thoroughly investigated. An automated system detected and then shut down the system. The pipe was buried three feet deep. The pipeline opened Sept. 3.

Lisa Dillinger, Sunoco spokeswoman, released the following statement, Monday: "All of the appropriate regulatory notifications have been made. An initial site assessment reveals evidence of a landslide in the vicinity of the pipeline. The line has been safely isolated and depressurized until a thorough investigation can be completed."

State Rep. Chris Quinn, R-168, issued the following statement in response to the explosion:

"Today's pipeline explosion in Beaver County was a graphic illustration of my worst fears – and the fears of many local residents – related to the construction of the Mariner East pipeline.

"While I am relieved to know that no injuries occurred, I also realize that this area of Beaver County is far less dense than the pipeline corridor in Delaware County. A similar incident in my district could be even more destructive and have a greater human toll.

"Therefore, I am calling for an immediate halt to all pipeline construction activities. This pipeline should not be built until the real and legitimate safety and environmental concerns raised by myself and local residents have been fully addressed.

"It is the responsibility of Sunoco Logistics and Energy Transfer Partners to prove that the tragedy that happened today in Beaver County – including the evacuation of residents and closure of a school – could never happen in our community. If they are unable to do so, then this pipeline should not be built. Public safety must be the top priority."

State Sen. Andy Dinniman commented.

should not be in high-consequence areas and how Sunoco and Energy Transfer Partners have an abysmal track record when it comes to public safety," Dinniman said. "The explosion in Beaver County is a chilling reminder of just how powerful and dangerous these pipelines can be.

"Simply put: this is not a political issue. It's a safety issue. These kinds of pipelines shouldn't be so close to our schools, residential neighborhoods and community centers. And the Mariner East pipeline project should be permanently halted until we get straight answers and real assurance that they're being installed, inspected and operated with safety as the top priority."

State Sen. Tom McGarrigle, R-26, also called for a halt in construction of the Mariner East 2 pipeline in Delaware County until community safety could be assured.

"I believe that Energy Transfer Corp. should halt construction of the Mariner East 2 pipeline until the cause of the explosion of its pipeline in Beaver County is investigated, and the safety of our residents can be assured," McGarrigle said.

"In addition to causing great concerns among residents in the early morning hours, the Beaver County blast destroyed one home, prompted the evacuation of up to 30 others, forced the cancellation of class at nearby schools, shut down an interstate highway, and caused power lines to fall on nearby roads," McGarrigle said. "Although there have been no reported injuries, this was a significant incident.

"While we have highly skilled workers in our area, and this project is creating good jobs for them, everyone agrees that safety must come first. Therefore, I believe a pause in local pipeline work is the most prudent course of action."

Republican Party of Pennsylvania Chairman Val DiGiorgio views pipelines positively.

"Pennsylvania's natural gas industry has provided obvious benefits and extensive savings to Pennsylvania consumers as a result of our unique position at the center of the national energy economy," he said. "In the years to come, Pennsylvania is currently placed to continue to capitalize on our home-grown resources to increase consumer savings, grow jobs, and keep up with the 21st-century economy.

"As policymakers look forward to the future of the Pennsylvania natural gas industry — including the efficacy of a severance tax — I would encourage them to keep the industry-created benefits in mind and to work to ensure the natural gas industry is responsibly fostered, encouraged, and developed; rather than hampered and stifled."

Sam Rubin, of Food & Water Watch is not a pipeline fan.

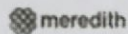
"Today's explosion on Energy Transfer Partner's brand new mid-stream line in Beaver County is a terrifying reminder that pipelines fail," Rubin said. "Communities across the state face similar risks if the Mariner East 2 pipeline becomes operational."

"Governor Tom Wolf has utterly failed to protect public safety so far, but there is still time to avoid catastrophe by stopping Sunoco's Mariner pipeline right now."

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Lawmaker says confusion over exposed pipeline heightens concerns about public safety

Digital First Media Jul 23, 2018

West Chester >> Questions about an exposed portion of pipeline in Uwchlan Township continue to raise safety concerns about Sunoco's Mariner East pipeline project, state Sen. Andy Dinniman said.

"Residents discovered an exposed portion of pipeline. Pennsylvania Public Utility Commission (PUC) officials confirmed that it was Mariner East 1 and was being monitored for several weeks. Sunoco now says it's an inactive portion of the pipeline and in turn, the PUC seems to agree," said Dinniman, D-19 of West Whiteland, one of the region's fiercest critics. "If that sounds confusing, keep in mind that it's only the latest series of twists and turns in the ongoing saga of the Mariner East project. On something as serious as a hazardous materials pipeline running through a high-consequence community, the process has been riddled with mix-ups, misunderstandings, and an astonishing lack of information, transparency, oversight, and accountability.

"To be blunt: we always seem to be waiting for the other shoe to drop. Our state agencies have not exactly inspired confidence in doing their due diligence to keep the public safe. And Sunoco hasn't exactly been forthcoming with information, instead choosing to invest in television commercials and newspaper ads," the senator added.

Earlier last week, following calls from local residents and reports on social media, Dinniman's office notified the PUC that a portion of pipeline appeared to be exposed near Crump Road in Uwchlan Township.

In response, on Wednesday, PUC officials verbally confirmed that the exposed pipeline was, in fact, Mariner East 1 (ME1), that they had been aware the situation for several weeks and had instructed Sunoco to monitor the situation. PUC officials also said they had notified the federal Pipeline and Hazardous Materials Safety Administration (PHMSA). Uwchlan Township officials also received confirmation from the PUC that the exposed pipeline was ME1, according to news reports.

Dinniman said he was initially shocked by the PUC's seemingly lackadaisical approach to the issue since when ME1 was exposed by a sinkhole in West Whiteland Township earlier this year, PUC officials were quickly on site and the operation of the pipeline was halted.

"It didn't make sense to me why the PUC would let something like that sit for weeks without taking action or notifying homeowners, except to instruct Sunoco to monitor the situation. It sounded like we were letting the fox guard the henhouse," Dinniman said.

At the time, Dinniman also questioned why the PUC Commissioners allowed Sunoco to resume operations on the ME1 just last month if a portion was lying exposed to the surface.

However, on Thursday, in an e-mail obtained by Dinniman's office that was circulated throughout the local community, Paul Metro, manager of the PUC's Safety Division wrote that the commission had "received some data back from Sunoco and the exposed pipeline in the creek is abandoned. There is no product in that section of pipeline. It was replaced four years ago."

That information was confirmed by other PUC officials who said that the commission's Pipeline Safety Division is still gathering and verifying information as part of an ongoing investigation into the matter.

"We have confirmed that engineers have been on site multiple times and determined that there is not an imminent threat to public safety," PUC Legislative Liaison June Perry wrote in an e-mail. "It is my understanding that this had been part of ME1, but is now an inactive line."

In addition, according to reports, Vicki Granado, vice president of Corporate Communications for Energy Transfer Partners, which owns Sunoco, released the following statement to the press: "We have confirmed that the section of pipe visible in the tributary to Valley Creek is an abandoned section of pipeline that was taken out of service in 2015. At that time, it was capped and filled with grout. This was accompanied by the replacement of the active Mariner East 1 pipeline in that area which was lowered to a depth of 8' in accordance with all appropriate regulations as part of the Mariner East 1 integrity upgrade project. This has been documented and shared with the Pa PUC."

Dinniman said that while he was somewhat relieved that the exposed pipeline running through residents' backyards is not actively carrying liquefied natural gas (LNGs) products, the situation sheds more light on to how Sunoco is trying to retrofit decades-old petroleum pipelines to transport highly volatile materials. In addition, the miscommunication shows the complexity of the issues at stake and raises more significant questions and doubts about the ability of the PUC and other state agencies to effectively oversee the process.

"It appears that Sunoco is basically creating a patchwork of new and old pipeline infrastructure in our area in a seemingly hasty effort to get the product to market. It sounds like the exposed pipeline in Uwchlan was part of the original 87-year-old Mariner East 1 but was possibly deemed too old, too corroded, and/or too close to the surface to put into service," Dinniman said. "It only makes sense to think that there are other portions of that same line – possibly in similar condition – in service carrying LNGs here in Chester County. Images and video of the exposed, inactive portion of ME1 may offer insight into what active portions might look like and how they have been weathered over time.

"Furthermore, one has to wonder how and why neither the PUC nor Sunoco released this information sooner. If the PUC had been notified as Sunoco indicated it was, why didn't they properly identify the line as inactive? If Sunoco was instructed to monitor the line, why didn't they remind the PUC that it was inactive sooner? Keep in mind, this did not occur overnight, PUC officials indicated they had known about the exposure for weeks," he added.

Dinniman said his frustration is echoed by local residents who are growing increasingly wary of both the PUC and Sunoco as issues and problems with the Mariner East project continue to arise.

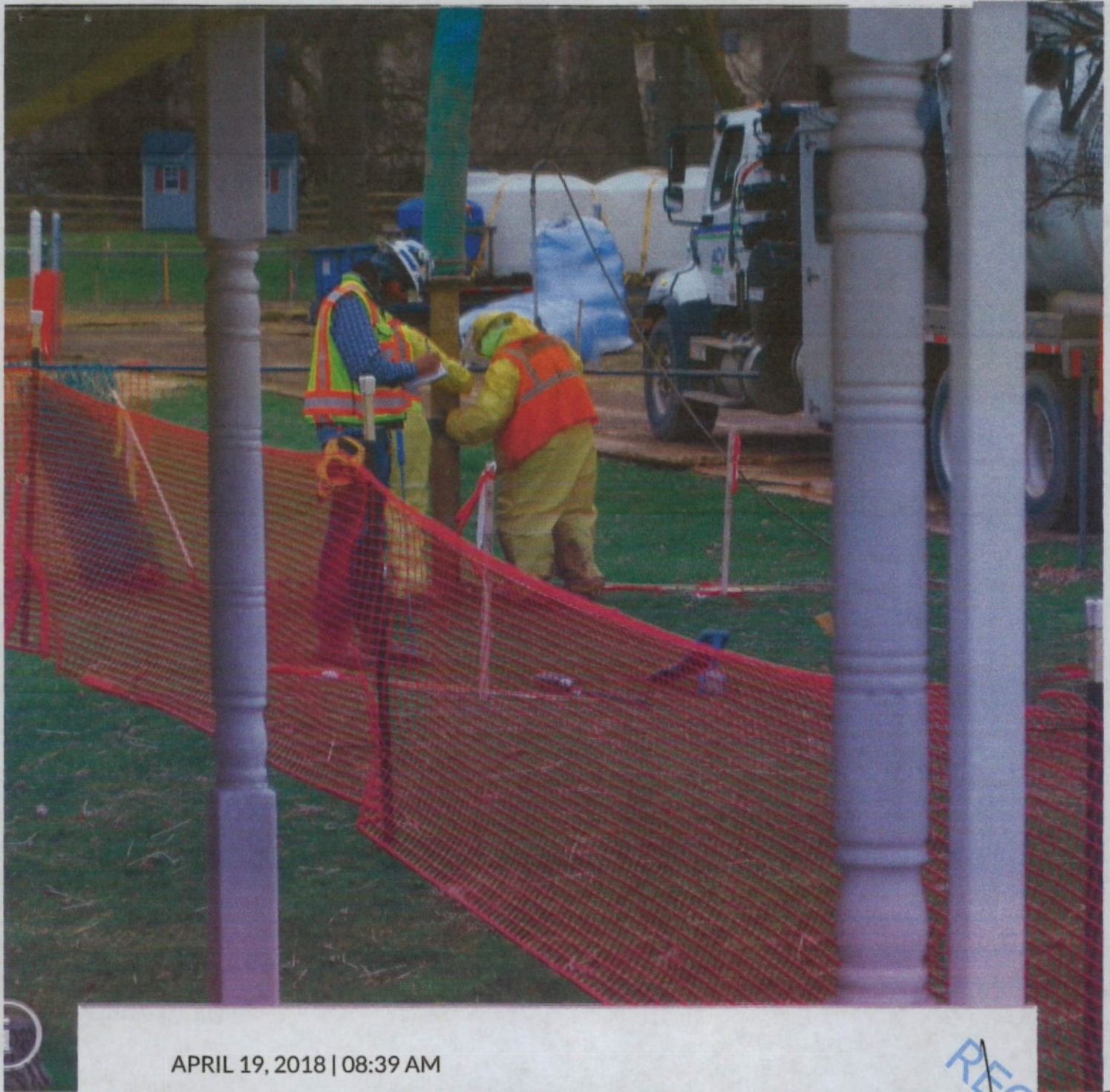
"You have to wonder if the PUC even knows where all of the pipelines are and what is going through them. How can we be monitoring pipelines and not realize they are inactive or out of use?" Dinniman said. "I'm extremely concerned about how pipeline information is shared and verified by our state agencies, as well as how pipelines are monitored for safety. Like the Mariner East project itself, the public seems to get a patchwork of answers from various officials that we then must put together, compare, and validate to get to the truth. Regardless, I will continue to demand answers to these and other questions as the very health, safety, and well-being of my constituents are at stake."

The ME1 pipeline, which dates back to 1931, originally carried petroleum products from the port at Marcus Hook to western Pennsylvania. Today, it is permitted to carry liquid propane, butane, and ethane in the opposite direction.

Sunoco is building two new additional pipelines, Mariner East 2 (ME2) and Mariner East 2X (ME2x) in the same right-of-way, as well as seeking to activate and repurpose an existing 12-inch petroleum pipeline to carry liquid natural gas products in Chester and Delaware Counties.

Since the beginning, the Mariner East project has been riddled with problems:

- Last summer, drilling activities in West Whiteland Township damaged an aquifer, causing water-quality issues in dozens of nearby residential wells.
- In January, after numerous violations, DEP suspended construction permits for Mariner East 2 across the state.
- In February, DEP and Sunoco reached a settlement agreement with Sunoco that included a \$12.6 million fine.
- In March, multiple sinkholes appeared on Lisa Drive in West Whiteland, threatening private homes and leading to the evacuation of at least one family.
- Later that month, the PUC suspended operations of ME1 finding that "permitting continued flow of hazardous liquids through the ME1 pipeline without proper steps to ensure the integrity of the pipeline could have catastrophic results impacting the public."
- In April, Senator Dinniman brought a formal complaint and petition for emergency relief before the PUC to halt operations of ME1, and construction on ME2 and ME2X in West Whiteland.
- In May, the PUC allowed Sunoco to resume operations on ME1.
- Later that month, a PUC judge sided with Dinniman, halting all three pipelines in West Whiteland.
- In June, the PUC maintained the shutdown of ME2 and ME2X but allowed operations to resume on ME1.



APRIL 19, 2018 | 08:39 AM

Sunoco says testing is done and Mariner East

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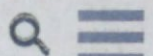
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1 is safe; state officials say slow down

Katie Meyer, WITF 



Workers and contractors for Sunoco Pipeline have been investigating geological conditions behind homes at Lisa Drive, West Whiteland Township, Chester County after sinkholes developed during drilling for construction of the Mariner East 2 and 2X pipelines. Regulators shut down the nearby Mariner East 1 pipeline because of potential danger related to the sinkholes, and ordered Sunoco to perform new testing to ensure that pipeline's safety before the company can resume its operation.

More than a month after the Mariner East 1 pipeline was shut down over safety concerns, representatives for Sunoco say they've found no problems, and that they're looking forward to getting the natural gas liquids pipeline running again.

STATEIMPACT
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ay they're not making any decisions to put the

Problems with the pipeline began late last year when a rash of sinkholes opened nearby. In early March, the state Public Utility Commission ordered that it be shut down.

The concern, they said, is that the unstable ground, plus nearby construction on the Mariner East 2 pipeline, could be a threat to public safety. PUC Chairman Gladys Brown ordered Sunoco to inspect Mariner East 1 in the area of where the sinkholes formed, then shut down the line while it studied geological conditions. It would then submit its findings for approval by PUC inspectors.

Now, Sunoco is saying it has finished testing the area, and has found there is no safety issue.

Spokeswoman Lisa Dillinger said they “look forward to closing this out with the PUC and returning the line to service.”

But PUC spokesman Nils Hagen-Frederiksen said investigations are going to continue, regardless of Sunoco’s findings, because the commission’s Bureau of Investigation and Enforcement hasn’t reached a verdict.

“The commission has made it very clear that service will not be reinstated until the concerns raised by I&E have been addressed,” he said.

There is no timeline for restarting Mariner East 1 operations.

EXPLAINERS



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Reading Eagle: Bill Uhrich | The scene of a pipeline leak in the 5500 block of Morgantown Road in New Morgan.

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TUESDAY APRIL 25, 2017 12:02 PM

Mariner East 1 pipeline leak in Berks County draws concern

Sunoco Logistics says there were no safety impacts from the leak on April 1. Critics aren't convinced and seek more transparency.

WRITTEN BY LEA SKENE (/APPS/PBCS.DLL/PERSONALIA?ID=227)

An estimated 840 gallons of propane and ethane leaked out of Sunoco's Mariner East 1 pipeline in New Morgan Borough this month.

According to Sunoco Logistics spokesman Jeff Shields, no public safety impacts resulted from the leak. But opponents of pipeline development - in particular the Mariner East 2 project under construction in Berks and other counties - say the accident provides significant cause for alarm.

Shields said a landowner contacted the company April 1 to report a possible gas leak near 5530 Morgantown Road. Sunoco personnel investigated, confirmed the release, shut down the pipeline and made the necessary repair over the next several days, he said.

Nils Hagen-Frederiksen, a spokesman for the Pennsylvania Public Utility Commission, said the cause of the leak remains under investigation. The state Public Utility Commission and federal Pipeline Hazardous Materials Safety Administration are investigating, which according to Hagen-Frederiksen has no fixed timeline.

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Mariner East 1 - an old oil pipeline that Sunoco repurposed in 2014 - carries natural gas liquids east from western Pennsylvania to Marcus Hook in Delaware County, where most are shipped overseas for use in plastics manufacturing. Shortly after finishing renovations on Mariner East 1, Sunoco released plans for the Mariner East 2 pipeline, which called for two more lines along the same route to vastly increase transport capacity.

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Natural gas liquids are liquid at extremely high pressure while inside the pipeline but become odorless gases under atmospheric conditions. According to risk assessment... <http://www.readingeagle.com/news/article/mariner-east-1-pipeline-leak-in-berks-county-draws-concern>

Groups opposed to pipeline development say Sunoco didn't do enough to notify the public of the April 1 accident.

Eric Friedman of the Middletown Coalition for Community Safety, a Dauphin County group that formed in opposition to proposals for Mariner East 2, said he began looking into the accident after becoming aware of a brief shutdown to the line in early April. Finally he discovered records of a propane and ethane leak buried deep within a spreadsheet posted to the U.S. Coast Guard National Response Center website that indicates an estimated release of 20 barrels - 840 gallons - of highly volatile liquids.

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"Sunoco notified a number of government agencies, but apparently none saw fit to inform the public or protect them from the risks of explosion while the accident was happening," Friedman said. "From my perspective, this seems like an incredibly dangerous action. The fact that nobody got hurt seems to me a matter of pure dumb luck."

Shields said the company adhered to standard to procedure and notified property owners impacted by the accident as well as all relevant agencies, including local emergency response officials.

The Twin Valley Fire Department confirmed having received notification but said officials found no need to respond to the scene because Sunoco was handling cleanup and repairs.

According to National Response Center records, the leak was discovered shortly after 5 p.m. and the pipeline was once again "fully secured" by about 6:30 p.m.

Shields said he would not comment on how officials estimated the total amount of gas released in this case but that generally the calculation would start at the time of discovery - when the leak was reported.

Friedman said the leak could have started long before anyone noticed, which would make actual releases higher than Sunoco's estimate. He also described two other accidents within the past year involving Mariner East 1. Shields said they were smaller releases that resulted from faulty seals at two pump stations.

Sunoco has long responded to safety concerns with a declaration of confidence in its operating procedures. The company's website describes pipelines as "the safest mode of transporting petroleum products, both for humans and the environment."

But Friedman and others say Sunoco has recently demonstrated a clear lack of transparency - a new argument in their arsenal of opposition to Mariner East 2, which is under construction in several counties but continues to face legal challenges from landowners and environmental groups.

Karen Feridun, founder of the local anti-fracking organization Berks Gas Truth, said the April 1 accident should give people pause when considering whether expanding pipeline infrastructure is good for Pennsylvania.

"This is a company that has been bullying its way through the permitting and construction process," she said. "They just do what they want, and now that something is going wrong, nobody is addressing these completely legitimate safety concerns."

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