

BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION

In re: Sunoco Pipeline L.P. a/k/a/ :
Energy Transfer Partners : Docket No. P-2018-3000281
:
Petition of the Bureau of Investigation and :
Enforcement of the Pennsylvania Public :
Utility Commission for the Issuance of an :
Ex Parte Emergency Order :

**SUPPLEMENT TO EMERGENCY PETITION TO INTERVENE OF ANDOVER HOMEOWNERS’
ASSOCIATION, INC.**

Pursuant to 52 Pa. Code § 5.71 *et. seq.*, Andover Homeowners’ Association, Inc.

(“Association”) hereby supplements its Petition to Intervene in the above-captioned proceeding. In support thereof, the Association submits as follows:

1. On March 26, 2018, the Association filed with the Public Utility Commission (“Commission” or “PUC”) an Emergency Petition to Intervene in the above-captioned docket concerning Sunoco Pipeline L.P. a/k/a Energy Transfer Partners (“Sunoco”) and its Mariner East 1 (“ME1”) pipeline.
2. The Association incorporates the entirety of its Petition in this Supplement as if fully recited herein.
3. The Association hereby provides the following additional information to supplement its Petition:
 - a. Proclamations/Resolutions of Concern regarding public and school safety from Thornbury Township, Middletown Township, Media Borough, Swarthmore Borough, Rose Valley Borough and Edgmont Township, Delaware County; Westtown Township, Chester County; and the Rose Tree Media School District.

See Exhibit "D".

- b. Correspondence from the Pipeline and Hazardous Materials Safety Administration (PHMSA), confirming that Sunoco did not fully comply with Advisory Bulletin PHMSA-2014-0040, "Pipeline Safety: Guidance for Pipeline Flow Reversals, Product Changes and Conversion to Service" prior to reversing the flow and changing the materials transported in ME 1. Petitioner certifies that this is a true and correct copy of this correspondence. *See Exhibit E.*
 - c. Sunoco's report to the Pipeline and Hazardous Materials Safety Administration (PHMSA) of the hazardous, highly volatile liquids pipeline accident on ME1 which was discovered by a landowner on April 1, 2017. *See Exhibit "F".*
 - d. PHMSA guidance on "Recognizing and Responding to Pipeline Emergencies," from <https://primis.phmsa.dot.gov/comm/EmergencyResponse.htm?nocache=601>, visited March 27, 2018. *See Exhibit "G".*
4. The Association is not aware of any of agency or entity, or any other authority governing pipeline safety (including Sunoco) having provided adequate or credible emergency response answers regarding the variety of concerns expressed in the Resolutions/Proclamations of Concern attached hereto.
5. In addition to concerns stemming from the proximity of ME1 and its associated block valve to residences within the Andover subdivision, Sunoco has not demonstrated that a hazardous, highly volatile liquids accident occurring on Lisa Drive would not affect Association property or the physical safety of its Members.

WHEREFORE, the Association respectfully requests that the Commission consider this supplementary material as a part of the Association's Emergency Petition to Intervene.

Dated: April 9, 2018

Respectfully Submitted,

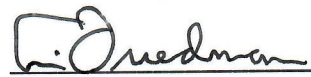


Rich Raiders, Esq.
Attorney ID 314857
210 West Penn Avenue
PO Box 223
Robesonia, PA 19551
484-638-6538
r Raiders@lengertraiders.com

VERIFICATION

I, Eric Friedman, am the current President of the Andover Homeowners' Association, Inc. I hereby state that the facts set forth herein are true and correct to the best of my knowledge, information and belief and that I expect to be able to prove the same at a hearing held in this matter. I understand that the statements made herein are subject to the penalties of 18 Pa. C.S. Section 4904 concerning unsworn falsifications to authorities.

Dated: April 9, 2018


Eric Friedman

BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION

In re: Sunoco Pipeline L.P. a/k/a/ :
Energy Transfer Partners : Docket No. P-2018-3000281
:
Petition of the Bureau of Investigation and :
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Ex Parte Emergency Order :

CERTIFICATE OF SERVICE

I hereby certify that I have this day served a true and correct copy of the foregoing Petition to Intervene upon the parties of record in this proceeding in accordance with the requirements of 52 Pa. Code 1.54 (relating to service by a participant), in the manner listed below upon the persons listed below:

Michael L. Swindler Deputy Chief Prosecutor Pennsylvania Public Utility Commission Bureau of Investigation and Enforcement PO Box 3265 Harrisburg, PA 17105-3265	Curtis N. Stambaugh Assistant General Counsel Sunoco Logistics Partners LP 212 N. Third Street Suite 201 Harrisburg, PA 17101
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Nels J. Taber Senior Litigation Counsel Department of Environmental Protection Office of Chief Counsel 400 Market Street, 9 th Floor Harrisburg, PA 17101	Robert Burroughs PHMSA Eastern Region 280 Bear Tavern Road Suite 103 West Trenton, NJ 08628
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Office of Consumer Advocate 555 Walnut Street 5 th Floor, Forum Place Harrisburg, PA 17101-1923	Office of Small Business Advocate 300 North Second Street Suite 1102 Harrisburg, PA 17101
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Mark Freed Joanna Waldron Curtin & Heefner 1040 Stony Hill Road Suite 150 Yardley, PA 19067	Thomas Snisack Kevin McKeon Whitney Snyder Hawke McKeon & Snisack LLP 100 North 10 th Street Harrisburg, PA 17101
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Hon. Carolyn Comitta
Pennsylvania House of Representatives
25-A East Wing
PO Box 202156
Harrisburg, PA 17120-2156

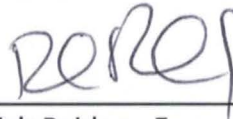
George Alexander
437 East Franklin Street
Media, PA 19063

Mitchell Trembicki
187 Middletown Road
Glen Mills, PA 19382

William R. Wegemann
629 N. Speakman Lane
West Chester, PA 19380

Margaret A. Morris
Reger Rizzo Darnall LLP
Cira Center, 13th Floor
2929 Arch Street
Philadelphia, PA 19104

Respectfully Submitted,



Rich Raiders, Esq.
Attorney ID 314857
210 West Penn Avenue
PO Box 223
Robesonia, PA 19551
484-638-6538
rraiders@lengertraiders.com

Dated: April 9, 2018

EXHIBIT "D"
LETTERS OF CONCERN



THORNBURY TOWNSHIP

W W W . T H O R N B U R Y . O R G

August 29, 2016

BOARD OF
SUPERVISORS:

James H. Raith
James P. Kelly
Sheri L. Perkins

*Public Meeting:
1st Wednesday of each month*

Sunoco Logistics
Sunoco Pipeline L.P.
525 Fritztown Road
Sinking Spring, PA

Re: Mariner East 2 Pipeline Project
Thornbury Township, Delaware County, Pennsylvania

Dear Sir/Madam,

The Board of Supervisors of Thornbury Township requests that Sunoco Logistics address concerns outlined in this correspondence prior to the start of any construction activity associated with the proposed Mariner 2 East pipeline project within our township.

As your due diligence may have revealed, many township residences in the area of the proposed pipeline are served by on-site wells. The township and its residents are concerned that the activity associated with the construction of the project, as well as the on-going operation of the project, may have a negative impact on the natural groundwater systems which provide drinking water to residents. We would like to provide our residents with your written plan and procedures for ensuring the integrity of the existing on-site water systems is maintained.

Our understanding is that proposed construction methods may create voids between the proposed pipeline and surrounding earth and that it is Sunoco's intention to leave those voids open and unfilled, thus creating a potential pathway for groundwater contamination. The township believes it would be appropriate for Sunoco's construction methods to include grouting those voids. Additionally, we request that Sunoco establish a benchmark of the condition and quality of each of the wells within a prescribed radius along the project and monitor those same wells for an acceptable period of time post-construction to ensure no degradation of the groundwater.

In addition, given a recent leak in neighboring Edgmont Township, which involved the transmission of a far less volatile product, Thornbury is requesting that shutoff valves be installed in the pipeline preceding the township boundary where the project enters, as well as at the boundary where the project exits Thornbury Township. This would provide an additional level of safety for both our residential and commercial property owners whose properties would be most immediately and severely impacted by a breach of the pipeline. It would also provide Sunoco with the ability to respond quickly to an emergency, mitigating possible damage.

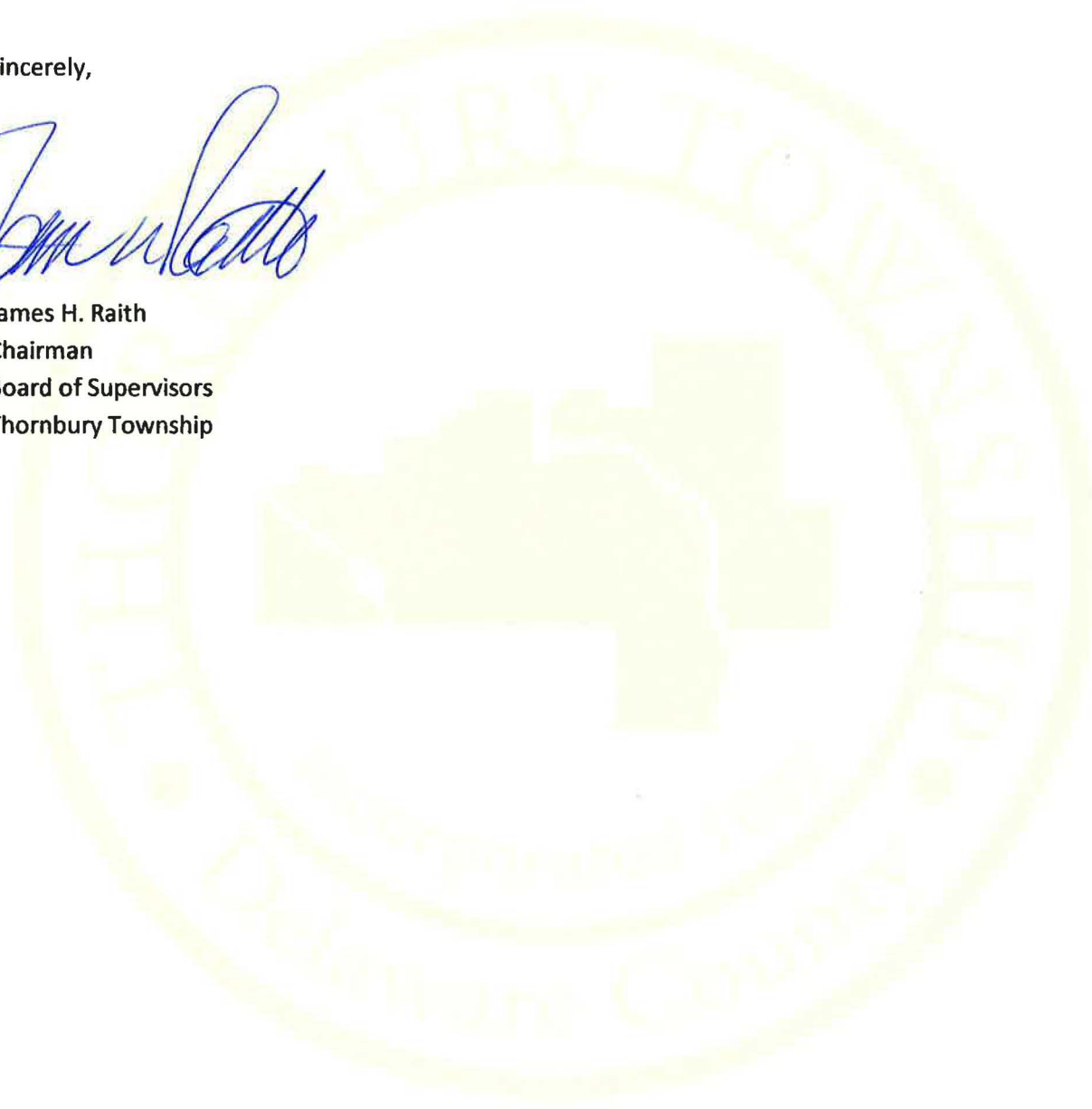
Finally and perhaps most importantly, our Board of Supervisors has concerns over the safety record of Sunoco as presented by the Pipeline and Hazardous Material Safety Administration. We request a meeting to identify potential threats during construction and operation of the project to ensure that a viable evacuation plan is established in the event of any emergency. We would also like to meet to discuss any other safeguards appropriate to best protect our residents and their property.

If the project moves forward, the township may have additional questions and concerns to be addressed; however given the importance of those stated above we thought it would be best to have these issues addressed first. We look forward to hearing from you regarding the foregoing as soon as possible.

Sincerely,



James H. Raith
Chairman
Board of Supervisors
Thornbury Township



**THORNBURY TOWNSHIP
DELAWARE COUNTY, PENNSYLVANIA**

PROCLAMATION

A PROCLAMATION of the Board of Supervisors of Thornbury Township, Delaware County, Pennsylvania, expressing great concern to the Governor of the Commonwealth of Pennsylvania and to the Pennsylvania Department of Environmental Protection (PADEP) regarding hazardous liquids transmission pipeline projects that increase the risk of catastrophic accidents and jeopardize the health, safety and welfare of Township residents, especially when such projects provide no corresponding benefit within the Township.

WHEREAS, Sunoco Pipeline L.P. (Sunoco) has announced that it is currently transporting highly volatile liquids under pressure through Thornbury Township, a "high consequence area," using a repurposed transmission pipeline installed in the 1960s with a capacity of 70,000 barrels (2,940,000 gallons) per day (Mariner East 1); and

WHEREAS, an additional proposed Sunoco pipeline known as Mariner East 2 could, if constructed, transport through Thornbury Township an additional 275,000 barrels (11,550,000 gallons) per day of these same materials (with the potential to expand to 450,000 barrels (18,900,000 gallons) per day); and

WHEREAS, the highly volatile liquids, which are being transported through the Township for the first time by Sunoco, are, if released, gaseous, invisible, odorless, toxic, heavier than air and highly flammable; and

WHEREAS, this project has the potential to jeopardize public safety in Thornbury Township by accidental leaks, explosions, or fire; and

WHEREAS, the highly volatile liquids which Sunoco is transporting and proposes to transport through Thornbury Township are overwhelmingly intended for export to overseas markets and customers; and

WHEREAS, the transportation of these highly volatile liquids through Thornbury Township provides no direct benefit to either the municipality or its residents; and

WHEREAS, Sunoco has at least 263 reported hazardous liquid spills since 2006, according to records maintained by the federal Pipeline and Hazardous Materials Safety Administration (PHMSA).

NOW THEREFORE, BE IT PROCLAIMED by the Board of Supervisors of Thornbury Township, Delaware County, that the Township expresses deep concern about the

existing and proposed Sunoco Mariner East transmission pipelines to the Governor of the Commonwealth and the Secretary of the Pennsylvania Department of Environmental Protection. Of particular concern to the Board of Supervisors are:

I

The high level of risk to Township residents which may occur due to the nature of the highly volatile liquids being transported and proposed to be transported through the Township. This risk must be demonstrably mitigated by such measures as the development of an incident response plan which includes (but is not limited to) viable worst-case evacuation routes developed in cooperation with the Township personnel and affected residents; enhanced safety equipment and safety training for first responders; and separation of new pipelines from existing residences by a distance equal to or greater than the Potential Impact Radius (PIR) of those pipelines.

II

The inherent dangers of transporting highly volatile liquids under pressure through Thornbury Township, coupled with the fact that if released, these liquids are gaseous, invisible, odorless, toxic, heavier than air and highly flammable, requires that Sunoco have the ability to immediately stop the release once detected or reported. This risk can be demonstrably mitigated by the installation of shutoff valves both prior to the Township boundary where the transmission pipelines enter, as well as at the boundary where the transmission pipelines exit the Township. To the extent that release detection instruments can be provided to affected residents adjacent to a transmission pipeline, they should be provided and maintained by Sunoco with appropriate training provided to residents and Township personnel. This would afford an additional level of safety and notice for Township residents whose properties would be most immediately and severely impacted by a breach of the pipeline and provide Sunoco with the ability to more quickly respond to an emergency, hopefully avoiding the loss of persons and mitigating damage to property.

III

The Mariner East 2 project may threaten the private water supply of a number of Township residents as the proposed construction method has potential to create voids between the proposed pipeline and surrounding earth and that it is Sunoco's intention to leave these voids ungrouted, creating an unacceptable pathway for groundwater contamination. Proper and reasonable safeguard would be for Sunoco to establish a benchmark of the condition and quality of each of the wells within a prescribed radius along the project and monitor those same wells for an acceptable period of time post-construction to reasonably ensure no degradation of the groundwater.

IV

The Mariner East 2 project construction will disturb and alter essential elements of thoughtfully approved subdivisions. Such disturbance will adversely affect safeguards both within and without those subdivisions which have been carefully implemented in the establishment of those subdivisions. Sunoco must be required to restore such conditions and safeguards to the condition which the same were in immediately prior to the commencement of any construction.

V

To the extent that the Mariner East 2 project is approved by all necessary agencies with jurisdiction thereover, the Commonwealth must insure that such construction includes the simultaneous construction of both the proposed 20" pipeline and contemplated 16" additional pipeline, whether or not the such construction is deemed advisable or advantageous by Sunoco. To do otherwise will cause another significant period of hardship, consternation and anxiety to the residents of Township and surrounding community. This is a circumstance which is both unnecessary and easily avoided.

VI

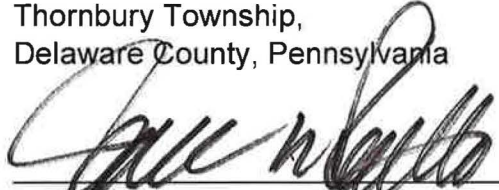
Essential to the powers of the Township, are the police powers granted by the Second Class Township Code and the power to regulate the uses and development of land by the Pennsylvania Municipalities Planning Code. Exemptions given to public utilities under each of these enabling bodies of law severely weaken the Township's ability to exercise its police powers and its ability to fully protect the health, safety and welfare of its residents and are contrary to the Commonwealth's ongoing obligation under Article 1, Section 27 of the Constitution of the Commonwealth, which provides:

"The people have a right to clean air, pure water, and to the preservation of the natural, scenic, historic and esthetic values of the environment. Pennsylvania's public natural resources are the common property of all the people, including generations yet to come. As trustee of these resources, the Commonwealth shall conserve and maintain them for the benefit of all the people."


The consequences of such exemptions squarely favor commerce over community safety and are contrary to the preservation of the public trust created by the Commonwealth Constitution. Legislation is needed to more fully empower the Township to exercise control over public utility facilities at the local level, which in turn supports the Commonwealth's responsibility toward the citizens of the Commonwealth.

PROCLAIMED by the Board of Supervisors of Thornbury Township, Delaware County, Pennsylvania, at the regular meeting of said Board held this 21st day of September, 2016.

BOARD OF SUPERVISORS
Thornbury Township,
Delaware County, Pennsylvania


James H. Raith, Chairman

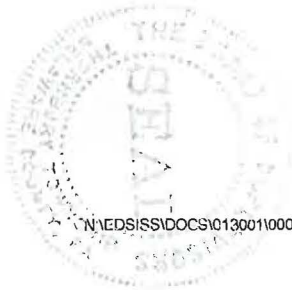

J.P. Kelly, Vice Chairman


Sheri L. Perkins, Supervisor

Attest:


Geoffrey Carbutt, Secretary

(TOWNSHIP SEAL)



**MIDDLETOWN TOWNSHIP
DELAWARE COUNTY, PENNSYLVANIA**

PROCLAMATION

A PROCLAMATION of the Middletown Township, Delaware County, Township Council, expressing great concern to the Governor of the Commonwealth of Pennsylvania, to the Pennsylvania Department of Environmental Protection ("PADEP"), and to the Pennsylvania Public Utility Commission ("PUC") regarding a natural gas liquids ("NGLs") transmission pipeline project that raises safety concerns in the Township.

WHEREAS, a proposed Sunoco pipeline known as Mariner East 2 could, if constructed, transport through Middletown Township approximately 275,000 barrels (11,550,000 gallons) per day of NGLs (with the potential to expand to approximately 450,000 barrels (18,900,000 gallons) per day); and

WHEREAS, the NGLs, that are being transported through the Township by Sunoco, are, if released, gaseous, invisible, odorless, toxic, heavier than air and highly flammable; and

WHEREAS, this project has the potential to jeopardize public safety in Middletown Township in the event of accidental leaks, explosions, or fire;

NOW THEREFORE, BE IT PROCLAIMED that the Middletown Township Council expresses deep concern about the proposed Sunoco Mariner 2 East transmission pipeline to the Governor of the Commonwealth, the Secretary of the PADEP, and the PUC. Of particular concern to the Council Members are:

I

The high level of potential risk to Township residents which may occur due to the nature of the NGLs proposed to be transported through the Township. This risk must be demonstrably mitigated by such measures as the development of an incident response plan which includes (but is not limited to) viable worst-case evacuation routes developed in cooperation with the Township personnel and affected residents; enhanced safety equipment and safety training for first responders.

II

Essential to the powers of the Township are the police powers granted generally under Pennsylvania law, and the power to regulate the uses and development of land granted by the Municipalities Planning Code. Exemptions given to public utilities under these enabling bodies of law and judicial decisions interpreting their applicability severely weaken the Township's ability to exercise its police powers and its ability to fully protect the health, safety and welfare of its residents.

III

Legislation is needed to more fully empower the Township to exercise control over public utility facilities at the local level, which in turn supports the Commonwealth's responsibility for ensuring the health, safety and welfare of the citizens of the Commonwealth.

BE IT FURTHER PROCLAIMED, the Township understands the concerns expressed by Township citizens with respect to the safety of the pipeline, the emergency preparedness steps which must be taken in the event of a leak or spill, and the need for effective evacuation plans. Township Council noticed and advertised public meetings which were held on January 16, 2016, August 22, 2016, and September 26, 2016 to address such concerns, and received additional comment at public meetings on July 25, 2016 and September 12, 2016. The level of risk must be mitigated by developing a comprehensive risk assessment study and incident response plan. Enhanced safety equipment and safety training for first responders must be reviewed and instituted.

The Township hereby conveys its concerns to Governor Wolf, the Secretary of the PADEP, and the Chairman of the Public Utility Commission. We join in the expression of concern set forth in the September 9, 2016 letter from Senator Tom Killion and Representative Chris Quinn to the Chairs of both the State and House Veterans Affairs and Emergency Preparedness Committees, a copy of which is attached hereto, and we request that the Committees hold additional public hearings to compile a complete and thorough record of all safety efforts and requirements currently in place, so that all needed steps are taken in the future to ensure the safety of the Middletown Township citizens.

PROCLAIMED by the Council Members of Middletown Township, Delaware County, Pennsylvania, at the regular meeting of said Council held this 26th day of September.

TOWNSHIP OF MIDDLETOWN

SIGNED:



MARK KIRCHGASSER
COUNCIL CHAIRMAN

ATTEST:



W. BRUCE CLARK
TOWNSHIP MANAGER

Robert A. McMahon
Mayor

Jeffrey A. Smith
Borough Manager

Brian Taussig-Lux
Treasurer

Robert Dimond
Tax Collector

Robert Scott, Esq.
Solicitor



Borough Council

Brian C. Hall, Esq.
President

Paul Robinson
Vice-President

Kevin Boyer
Sayre Dixon

Amy Johnson

Lisa Johnson
Peter Williamson

October 17, 2016

The Honorable Tom Wolf
Governor of Pennsylvania
Office of the Governor
508 Main Capitol Building
Harrisburg, PA 17120

**Re: Media Borough Support of Middletown Township's Proclamation relating to
the Sunoco Mariner 2 East Pipeline**

Dear Governor Wolf:

Media Borough Council offers its support of the attached Proclamation recently adopted by the elected body in our neighboring community, Middletown Township (Delaware County) as it pertains to Sunoco Logistics Mariner 2 East Pipeline.

Thank you.

Very truly yours,

A handwritten signature in blue ink, appearing to read "Brian C. Hall", is written over the typed name.

Brian C. Hall
President, Media Borough Council

cc: PA Senator Tom Killion
PA Representative Chris Quinn
Mayor McMahon
Media Borough Council

Robert A. McMahon
Mayor

Jeffrey A. Smith
Borough Manager

Brian Taussig-Lux
Treasurer

Robert Dimond
Tax Collector

Robert Scott, Esq.
Solicitor



Borough Council

Brian C. Hall, Esq.
President

Paul Robinson
Vice-President

Kevin Boyer
Sayre Dixon

Amy Johnson
Lisa Johnson

Peter Williamson

October 17, 2016

Gladys Brown
Chair
Public Utilities Commission
400 North Street
Keystone Building, 2nd floor, Room N201
Harrisburg, PA 17120

**Re: Media Borough Support of Middletown Township's Proclamation relating to
the Sunoco Mariner 2 East Pipeline**

Dear Ms. Brown:

Media Borough Council offers its support of the attached Proclamation recently adopted by the elected body in our neighboring community, Middletown Township (Delaware County) as it pertains to Sunoco Logistics Mariner 2 East Pipeline.

Thank you.

Very truly yours,

Brian C. Hall
President, Media Borough Council

cc: PA Senator Tom Killion
PA Representative Chris Quinn
Mayor McMahon
Media Borough Council

Robert A. McMahon
Mayor
Jeffrey A. Smith
Borough Manager
Brian Taussig-Lux
Treasurer
Robert Dimond
Tax Collector
Robert Scott, Esq.
Solicitor



Borough Council

Brian C. Hall, Esq.
President
Paul Robinson
Vice-President
Kevin Boyer
Sayre Dixon
Amy Johnson
Lisa Johnson
Peter Williamson

October 17, 2016

Patrick McDonnell
Acting Secretary
Department of Environmental Protection
Rachel Carson State Building
400 Market Street
Harrisburg, PA 17101

**Re: Media Borough Support of Middletown Township's Proclamation relating to
the Sunoco Mariner 2 East Pipeline**

Dear Secretary McDonnell:

Media Borough Council offers its support of the attached Proclamation recently adopted by the elected body in our neighboring community, Middletown Township (Delaware County) as it pertains to Sunoco Logistics Mariner 2 East Pipeline.

Thank you.

Very truly yours,


Brian C. Hall
President, Media Borough Council

cc: PA Senator Tom Killion
PA Representative Chris Quinn
Mayor McMahon
Media Borough Council

**MIDDLETOWN TOWNSHIP
DELAWARE COUNTY, PENNSYLVANIA**

PROCLAMATION

A PROCLAMATION of the Middletown Township, Delaware County, Township Council, expressing great concern to the Governor of the Commonwealth of Pennsylvania, to the Pennsylvania Department of Environmental Protection (“PADEP”), and to the Pennsylvania Public Utility Commission (“PUC”) regarding a natural gas liquids (“NGLs”) transmission pipeline project that raises safety concerns in the Township.

WHEREAS, a proposed Sunoco pipeline known as Mariner East 2 could, if constructed, transport through Middletown Township approximately 275,000 barrels (11,550,000 gallons) per day of NGLs (with the potential to expand to approximately 450,000 barrels (18,900,000 gallons) per day); and

WHEREAS, the NGLs, that are being transported through the Township by Sunoco, are, if released, gaseous, invisible, odorless, toxic, heavier than air and highly flammable; and

WHEREAS, this project has the potential to jeopardize public safety in Middletown Township in the event of accidental leaks, explosions, or fire;

NOW THEREFORE, BE IT PROCLAIMED that the Middletown Township Council expresses deep concern about the proposed Sunoco Mariner 2 East transmission pipeline to the Governor of the Commonwealth, the Secretary of the PADEP, and the PUC. Of particular concern to the Council Members are:

I

The high level of potential risk to Township residents which may occur due to the nature of the NGLs proposed to be transported through the Township. This risk must be demonstrably mitigated by such measures as the development of an incident response plan which includes (but is not limited to) viable worst-case evacuation routes developed in cooperation with the Township personnel and affected residents; enhanced safety equipment and safety training for first responders.

II

Essential to the powers of the Township are the police powers granted generally under Pennsylvania law, and the power to regulate the uses and development of land granted by the Municipalities Planning Code. Exemptions given to public utilities under these enabling bodies of law and judicial decisions interpreting their applicability severely weaken the Township's ability to exercise its police powers and its ability to fully protect the health, safety and welfare of its residents.

III

Legislation is needed to more fully empower the Township to exercise control over public utility facilities at the local level, which in turn supports the Commonwealth's responsibility for ensuring the health, safety and welfare of the citizens of the Commonwealth.

BE IT FURTHER PROCLAIMED, the Township understands the concerns expressed by Township citizens with respect to the safety of the pipeline, the emergency preparedness steps which must be taken in the event of a leak or spill, and the need for effective evacuation plans. Township Council noticed and advertised public meetings which were held on January 16, 2016, August 22, 2016, and September 26, 2016 to address such concerns, and received additional comment at public meetings on July 25, 2016 and September 12, 2016. The level of risk must be mitigated by developing a comprehensive risk assessment study and incident response plan. Enhanced safety equipment and safety training for first responders must be reviewed and instituted.

The Township hereby conveys its concerns to Governor Wolf, the Secretary of the PADEP, and the Chairman of the Public Utility Commission. We join in the expression of concern set forth in the September 9, 2016 letter from Senator Tom Killion and Representative Chris Quinn to the Chairs of both the State and House Veterans Affairs and Emergency Preparedness Committees, a copy of which is attached hereto, and we request that the Committees hold additional public hearings to compile a complete and thorough record of all safety efforts and requirements currently in place, so that all needed steps are taken in the future to ensure the safety of the Middletown Township citizens.

PROCLAIMED by the Council Members of Middletown Township, Delaware County, Pennsylvania, at the regular meeting of said Council held this 26th day of September.

TOWNSHIP OF MIDDLETOWN

SIGNED: _____



MARK KIRCHGASSER
COUNCIL CHAIRMAN

ATTEST: _____



W. BRUCE CLARK
TOWNSHIP MANAGER

1 **WHEREAS**, the Mariner East 2 pipeline is currently misclassified for regulatory
2 purposes as a liquids pipeline but the contents, under varying pressures, transition between both
3 gaseous and liquid states, and in the event of an uncontrollable leak revert entirely back to a
4 gaseous state and, as such, this misclassification creates a gap in the application and relevance of
5 important public safety regulations and requirements; and

6
7 **WHEREAS**, an uncontrolled leak of these hazardous liquids in Delaware County has the
8 potential to jeopardize the health and safety of Swarthmore Borough residents who reside, work,
9 shop, and attend school in close proximity to the pipeline, and an accidental leak in neighboring
10 townships could force the evacuation of many area residents on foot or otherwise into
11 Swarthmore Borough; and

12
13 **WHEREAS**, Sunoco has a record of 270 spills of hazardous liquids since 2006, more
14 than any other pipeline operator tracked by the federal Pipeline and Hazardous Materials Safety
15 Administration (PHMSA); and

16
17 **WHEREAS**, Sunoco's plans for the new pipelines are currently undergoing review by
18 PADEP under the provisions of Title 25 of the Pennsylvania Code, Chapters 102 and 105, and as
19 of Tuesday September 6, 2016, has sent Sunoco a 21-page letter explaining technical deficiencies
20 in its application for the stream and wetlands crossing permit for Mariner East 2 pipeline in
21 Delaware County and separately, but on the same day, sent Sunoco a 20-page letter explaining
22 deficiencies in Sunoco's application for earth disturbance (erosion and sedimentation control)
23 permits in Chester and Delaware Counties, as well as deficiency letters for Sunoco's applications
24 for other parts of the proposed Mariner East 2 route; and

25
26 **WHEREAS**, section F Attachment 11, EA Form, page 2, Item 7, states, "Is the water
27 resource part of or located along a private or public water supply?" Sunoco checked "No."
28 However, no documentation validating this statement provided by Sunoco to the PADEP is
29 concerned that private, and perhaps public, water supply wells are located along the proposed
30 pipeline right-of-way and that wetlands water-resource areas may exist in some locations along
31 Ridley Creek and/or Chester Creek within Delaware County; and

32 **WHEREAS**, the proposed pipeline route does, in fact, transect the Chester, Ridley, and
33 Crum Creek watersheds, (noting that the Crum Creek watershed is the source of Swarthmore
34 Borough's drinking water). Portions of Crum Creek are considered by the State to be a "special
35 protection stream," and Crum Creek serves as the largest drinking water source for Delaware
36 County residents. The Aqua Pennsylvania drinking water treatment plant on the Lower Crum
37 Reservoir withdraws 19 million gallons per day to provide drinking water, and the placement of
38 the proposed pipeline could put Swarthmore Borough's drinking water at risk of contamination
39 during both construction and operation of the proposed pipeline; and

1 East 2 pipeline and any other proposed extraction or transportation project of petroleum,
2 petroleum products, and/or natural gas liquids that may have direct or indirect impacts on the
3 health, safety, and welfare of Borough residents.
4
5

6 Section III

7
8 The Swarthmore Borough Council demands that the Governor of the Commonwealth of
9 Pennsylvania and the Secretary of the PADEP allow for an open comment period of no less than
10 60 days upon the resubmission of the Sunoco Mariner East 2 permit application to the PADEP,
11 and similarly demands a public hearing to be held in Delaware County to address the public
12 health, safety, and water contamination concerns of Delaware County municipalities.
13

14 Section IV

15
16 The Swarthmore Borough Council also strongly suggests that the Governor of the
17 Commonwealth of Pennsylvania and the Secretary of the PADEP reclassify the permit
18 application for the Mariner East 2 pipeline to include both liquid and gaseous material transport
19 of hazardous materials. As part of the reclassification, we support the development of a
20 comprehensive independent risk assessment study of all of Delaware County, including
21 Swarthmore Borough, as well as the development of an incident-response plan, which includes
22 (but is not limited to) viable worst-case evacuation routes; enhanced safety equipment and safety
23 training for first responders; and separation of new pipelines from existing residences by a
24 distance equal to or greater than the Potential Impact Radius (PIR) of those pipelines.
25

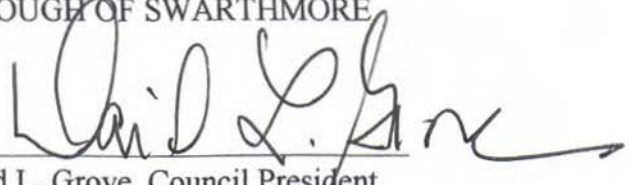
26 Section V

27
28 The Swarthmore Borough Council also strongly supports the development and implementation of
29 a state-based severance tax on fossil fuel extraction that would provide much needed resources to
30 the State and communities that are impacted by extraction and transportation of petroleum,
31 petroleum products, and natural gas liquids. Such tax funding could be used, at a minimum, for
32 the development and more rigorous and consistent enforcement of environmental regulations that
33 meet the standards expressly stated in Article 1, Section 27, of the Pennsylvania Constitution.
34


35 **ADOPTED** by the Swarthmore Borough Council, Delaware County, Pennsylvania, at the regular
36 meeting of said Board held this 7 day of November 2016.
37
38

39 Swarthmore Borough, Delaware County, Pennsylvania
40
41
42

BOROUGH OF SWARTHMORE

By: 
David L. Grove, Council President

ATTEST:


By: _____
Jane C. Billings, Borough Manager/Secretary

RESOLUTION 2016-13

A RESOLUTION OF THE BOARD OF SUPERVISORS OF WESTTOWN TOWNSHIP, CHESTER COUNTY, PENNSYLVANIA expressing great concern about hazardous Natural Gas Liquids pipeline projects that increase the risk of catastrophic accidents which jeopardize the health, safety, and welfare of Westtown Township residents.

WHEREAS, Sunoco Pipeline L.P. (Sunoco) has announced that it is currently transporting hazardous and highly volatile Natural Gas Liquids (NGLs) under high pressure through Westtown Township, a “high consequence area,” using a repurposed underground pipeline installed in the 1930s with a capacity of 70,000 barrels (2,940,000 gallons) per day; and

WHEREAS, the NGLs, which are being transported through the township for the first time by Sunoco, are, if released, gaseous, invisible, odorless, toxic, heavier than air, and highly flammable; and

WHEREAS, additional Sunoco pipelines are proposed, identified by Sunoco as the Mariner East 2 project. These pipelines could, if constructed, transport through Westtown Township an additional 275,000 barrels (11,550,000 gallons) per day of NGLs; and

WHEREAS, these Sunoco pipelines have the potential to jeopardize public safety in Westtown Township by accidental NGLs leaks, explosions, and fire; and

WHEREAS, these hazardous NGLs are overwhelmingly intended for export to overseas markets and customers; and

WHEREAS, the transportation of these hazardous NGLs through Westtown Township provides minimal if any benefit to either the municipality or its residents; and

WHEREAS, a leak of these hazardous NGLs in Westtown Township has the potential to block or render unsafe the available evacuation routes for township residents; and

WHEREAS, Westtown has been informed by concerned residents that Sunoco has a record of 263 hazardous liquids spills since 2006, more than any other pipeline operator tracked by the federal Pipeline and Hazardous Materials Safety Administration (PHMSA); and

WHEREAS, Sunoco’s plans for new NGL pipelines are currently undergoing review by PADEP under the provisions of Title 25 of the Pennsylvania Code, Chapters 102 and 105; and

WHEREAS, the PADEP permitting process provides for intervention in the proceedings by interested parties such as Westtown Township, and such intervention will make need for impact mitigation in Westtown known; and

WHEREAS, the Board of Supervisors of Westtown Township believes the township should be permitted to intervene in the PADEP permitting process for the proposed Mariner East 2 NGL pipeline project pursuant to the Board’s interests in protecting the health, safety, and welfare of township residents;

NOW THEREFORE, BE IT RESOLVED by the Board of Supervisors of Westtown Township, Chester County that:

Section I

The Board has deep concerns with the high level of risk from the Sunoco pipelines, due to the nature of the highly volatile liquids transported through the Township. This risk must be demonstrably mitigated by such measures as the development of an incident response plan, including viable worse-case evacuation routes; enhanced safety equipment and safety training for first responders; and separation of new NGL pipelines from existing residences by a distance equal to or greater than the Potential Impact Radius (PIR) of those pipelines.

Section II

Westtown Township declares that it has an interest in being a party to all proceedings before any and all County, State, Federal, and any other regulatory agencies involved in the approval of pipelines and associated facilities that could increase the shipment of hazardous NGLs through Westtown Township, including but not limited to petroleum, petroleum products, and NGLs.

Section III

The Board of Supervisors of Westtown Township, Chester County authorizes the township solicitor, if so directed by the Board of Supervisors, to intervene in the PADEP permitting process for the proposed Mariner East 2 pipeline project, and any other proposed NGL transportation project within the municipal boundaries of Westtown Township that comes under consideration.

ADOPTED as Resolution 2016-13 this 7th day of November, 2016.

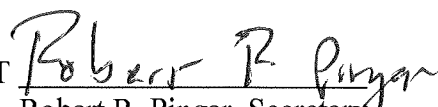
Westtown Township
Board of Supervisors:




Carol De Wolf, Chair



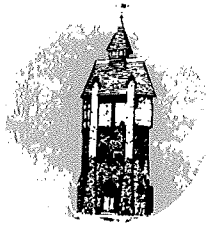
Thomas Haws, Vice Chair

ATTEST 

Robert R. Pingar, Secretary



Mike Di Domenico, Supervisor



WESTTOWN TOWNSHIP

1039 Wilmington Pike
West Chester, PA 19382
610-692-1930

Post Office Box 79
Westtown, PA 19395
FAX 610-692-9651

www.westtownpa.org

November 7, 2016

Mr. Patrick McDonnell, Acting Secretary
Pennsylvania Department of Environmental Protection
Rachel Carson State Office Building
400 Market Street
Harrisburg, PA 17101

Dear Acting Secretary McDonnell:

Enclosed please find Westtown Township Resolution 2016-13 which expresses great concern with the Mariner East 2 Natural Gas Liquids pipeline projects proposed to be constructed by Sunoco Logistics through Westtown Township. If constructed, these pipelines will transport highly volatile natural gas liquids which may result in accidental explosions and fires, severely impacting the safety of Westtown's residents. Also enclosed is a November 7, 2016 letter to the chairmen of the State Senate and House Veterans Affairs & Emergency Preparedness Committees requesting that these committees hold public hearings to compile a thorough record of the current safety efforts and requirements in place to address the concerns of Westtown and other public safety-conscious municipalities along the pipeline's route.

We respectfully request your support of these requests and look forward to working with you to make certain that public safety is a priority in Pennsylvania.

Sincerely,

Westtown Township Board of Supervisors

A stylized, cursive signature of Carol De Wolf.

Carol De Wolf, Chair

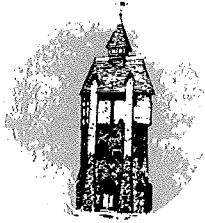
A stylized, cursive signature of Thomas Haws.

Thomas Haws, Vice Chair

A stylized, cursive signature of Michael Di Domenico.

Michael Di Domenico, Supervisor

Enclosure



WESTTOWN TOWNSHIP

1039 Wilmington Pike
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FAX 610-692-9651

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November 7, 2016

Ms. Kathleen Shea-Ballay, Corporate Secretary
Sunoco Partners LLC
1818 Market Street, Suite 1500
Philadelphia, PA 19103-3615

Re: Mariner East 2 Pipeline Project
Westtown Township, Chester County, Pennsylvania

Dear Ms. Shea-Ballay:

As your due diligence should have revealed, many township properties in the area of the proposed pipeline are served by private on-site wells. The township and its residents are concerned that the activity associated with the construction of the project, as well as the on-going operation of the project, may have adverse impacts on the natural groundwater systems which provide drinking water to residents. Westtown would like to provide our residents with your written plan and procedures for ensuring the integrity of these wells is maintained and hereby request that such plan be forwarded to the attention of the Township Manager, Robert Pingar, as soon as possible.

Westtown's understanding is that proposed construction methods may create voids between the proposed pipeline and surrounding earth and that it is Sunoco's intention to leave those voids open and unfilled, thus creating a potential pathway for groundwater contamination. The township therefore believes it would be appropriate for Sunoco's construction methods to include grouting those voids. Additionally, Westtown requests that Sunoco complete pre-construction benchmark water quality testing of each well within a specified distance along the project, and monitor those same wells for an acceptable period of time post-construction to document any degradation of the groundwater.

Finally, Westtown requests that Sunoco Logistics meet with the Chester County Department of Emergency Services to identify potential threats during construction and operation of the project to ensure that a viable evacuation plan is established in the event of an emergency. Furthermore, Westtown requests an invitation to that meeting so we can ensure the appropriate safeguards are in place to best protect our residents and their property.

If the Mariner East 2 pipeline project moves forward, Westtown Township may have additional questions and concerns; however, given the importance of those stated above, it would be best to have these addressed first. We anticipate hearing from you regarding this issue as soon as possible.

Sincerely,

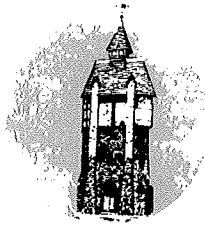
Westtown Township Board of Supervisors


Carol De Wolf, Chair


Thomas Haws, Vice Chair


Michael Di Domenico, Supervisor

cc. State Representative Dan Truitt
State Senator Tom Killion
Robert Kagel, Director, Chester County Emergency Services



WESTTOWN TOWNSHIP

1039 Wilmington Pike
West Chester, PA 19382
610-692-1930

Post Office Box 79
Westtown, PA 19395
FAX 610-692-9651

www.westtownpa.org

November 7, 2016

The Honorable Randy Vulakovich, Chair
Senate Veterans Affairs & Emergency Preparedness Committee
168 Main Capitol Building
Harrisburg, PA 17120-3038

The Honorable Stephen Barrar, Chair
House Veterans Affairs & Emergency Preparedness Committee
18 East Wing
Harrisburg, PA 17120-2160

Dear Chairmen Vulakovich and Barrar:

Enclosed please find Westtown Township Resolution 2016-13 which expresses great concern with the Mariner East 2 Natural Gas Liquids pipeline projects proposed to be constructed by Sunoco Logistics through Westtown Township. If constructed, these pipelines will transport highly volatile Natural Gas Liquids which may result in accidental explosions and fires, severely impacting the safety of Westtown's residents.

As the chairmen of the State Senate and House Veterans Affairs & Emergency Preparedness Committees, Ninth Senatorial District Senator Tom Killion sent you a September 9, 2016 letter (copy enclosed) requesting that your committees hold public hearings to compile a thorough record of the current safety efforts and requirements in place to address these concerns of Westtown and other public safety-conscious municipalities along the pipeline's route. The Westtown Township Board of Supervisors would likewise request that these hearings be held.

Along with Senator Killion, we believe this effort will help Westtown officials understand the current scope of safety regulations, and compel the state to employ any and all measures to ensure the safety of all those who have entrusted you with the honor of representing them.

We appreciate your consideration of this request and look forward to working with you to make sure that public safety is always a top priority in Pennsylvania.

Sincerely,

Westtown Township Board of Supervisors

A handwritten signature in black ink, appearing to read "Carol De Wolf".

Carol De Wolf, Chair

A handwritten signature in black ink, appearing to read "Thomas Haws".

Thomas Haws, Vice Chair

A handwritten signature in black ink, appearing to read "Michael Di Domenico".

Michael Di Domenico, Supervisor

Enclosure

Rose Tree Media School District
DELAWARE COUNTY

RESOLUTION NO. 2016-2017 55

A RESOLUTION of the Rose Tree Media School District Board of School Directors, Delaware County, expressing great concern to the Governor of the Commonwealth of Pennsylvania, the Secretary of the Pennsylvania Department of Environmental Protection (PADEP), the Commissioners of the Pennsylvania Public Utility Commission and the Delaware County Council regarding proposed high pressure hazardous liquids pipeline projects that have the potential to dramatically increase the risk of catastrophic accidents, and jeopardize the health, safety, and welfare of Rose Tree Media School District students and staff. The Rose Tree Media School District Board of School Directors seeks to intervene in the PADEP permitting process in order to protect the health, safety, and welfare of the Rose Tree Media students and community.

WHEREAS, Sunoco Pipeline L.P. (Sunoco) has announced that it is currently transporting hazardous, highly volatile liquids under high pressure through Delaware County, a “high consequence area” using a repurposed pipeline installed in the 1930s with a capacity of 70,000 barrels (2,940,000 gallons) per day; and

WHEREAS, additional proposed Sunoco pipeline(s), marketed as “Mariner East 2” could, if constructed, transport through the Rose Tree Media School District an additional 450,000 barrels (18,900,000 gallons) per day or more of these same materials; and

WHEREAS, Sunoco has a record of 276 spills of hazardous liquids since 2006, more than any other pipeline operator tracked by the federal Pipeline and Hazardous Materials Safety Administration (PHMSA); and

WHEREAS, these materials, which are being transported through the Rose Tree Media School District for the first time by Sunoco would, if released, create an invisible, odorless, heavier than air, and extremely flammable or explosive gas cloud; and

WHEREAS, the proposed new pipeline(s), if constructed, would run within 625 feet of Glenwood Elementary School buildings, and within 850 feet of the center of the school complex, placing the entire school campus with 445 students and 60 staff members well within a potential blast zone; and

WHEREAS 2,143 students and 290 staff members based in three additional schools within the Rose Tree Media School District are located within 3 miles of the proposed pipeline, and therefore could be subject to emergency evacuation in the event of a leak, breach, or explosion; and

1 petroleum products, and/or natural gas liquids that may have direct or indirect impacts on the
2 health, safety, and welfare of district students.

3
4 **Section III**

5 The Rose Tree Media School Board asks that the Governor of the Commonwealth of
6 Pennsylvania and the Secretary of the PADEP allow for an open comment period of no less than
7 60 days upon the resubmission of the Sunoco Mariner East 2 permit application to the PADEP,
8 and similarly requests a public hearing to be held in Delaware County to address the public
9 health and safety concerns of Delaware County municipalities and the Rose Tree Media School
10 District.

11 **Section IV**

12 The Rose Tree Media School District also strongly suggests that the Governor of the
13 Commonwealth of Pennsylvania and the Secretary of the PADEP reclassify the permit
14 application for the Mariner East 2 pipeline to include both liquid and gaseous material transport
15 of hazardous materials. As part of the reclassification, we support the development of a
16 comprehensive independent risk assessment study of all of Delaware County, including Rose
17 Tree Media School District, as well as the development of an incident-response plan, which
18 includes (but is not limited to) viable worst-case evacuation routes; enhanced safety equipment
19 and safety training for first responders; and separation of new pipelines from existing residences,
20 schools, businesses and hospitals by a distance equal to or greater than the Potential Impact
21 Radius (PIR) of those pipelines.

22
23 **ADOPTED** by the Rose Tree Media School District Board of School Directors, Delaware
24 County, Pennsylvania, at the regular meeting of said Board held this 10th day of November
25 2016.

26
27 Rose Tree Media School District, Delaware County, Pennsylvania

28
29 _____
30 James M. Wigo, Sr.
31 Superintendent of Schools

William O'Donnell
Board of School Director President

32
33 _____
34 Grace Eves
35 Board of School Director Secretary

36

A RESOLUTION BY THE ROSE VALLEY BOROUGH COUNCIL ADDRESSED TO THE GOVERNOR OF THE COMMONWEALTH OF PENNSYLVANIA, THE SECRETARY OF THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION (PADEP), THE COMMISSIONERS OF THE PENNSYLVANIA PUBLIC UTILITY COMMISSION AND THE DELAWARE COUNTY COUNCIL EXPRESSING GRAVE CONCERN ABOUT THE PROPOSED HIGH PRESSURE HAZARDOUS LIQUIDS PIPELINE PROJECTS WHICH HAVE THE POTENTIAL TO JEOPARDIZE THE HEALTH, SAFETY, AND WELFARE OF ROSE VALLEY RESIDENTS.

BOROUGH OF ROSE VALLEY

Resolution No. 14-2016

WHEREAS, Sunoco Pipeline, L. P. (Sunoco) has proposed the construction of pipeline (Mariner East 2) to transport hazardous, highly volatile liquids under high pressure through Delaware County; and

WHEREAS, these materials, proposed to be transported through Delaware County by Sunoco, would create, if released, gaseous, invisible, odorless, asphyxiating, heavier than air and highly flammable discharges; and

WHEREAS, a leak of these hazardous liquids in Delaware County has the potential to jeopardize the health and safety of Rose Valley Borough residents who reside, work, shop, and attend school in close proximity to the pipeline, and an accidental leak in neighboring municipalities could force the evacuation of Rose Valley Borough, located just 1.36 miles from the proposed pipeline route; and

WHEREAS, the current, pipeline operations were not fully vetted and assessed by the local community with regard to the potential to jeopardize public safety in Delaware County by pipeline leaks, explosions or fire; and

WHEREAS, controversy exists over whether the Mariner East 2 pipeline is currently misclassified for regulatory purposes (at the federal level) as a liquids pipeline because the contents, under varying pressures, transition between both gaseous and liquid states, and in the event of a leak, revert entirely back to a gaseous state. If misclassified, such misclassification may create a significant gap in the application and relevance of important public safety regulations and requirements; and

WHEREAS, the proposed pipeline route transects the Chester, Ridley, and Crum Creek watersheds (noting that the Ridley Creek watershed is the source of Rose Valley Borough's drinking water), which could put Rose Valley Borough's high quality drinking water at risk of contamination during both construction and operation of the proposed pipeline; and

WHEREAS, Pennsylvania municipalities have the right to intervene in the PADEP permitting process for the proposed Sunoco Mariner East 2 pipeline project pursuant to Council's legally prescribed obligation to protect the health, safety, and welfare of Borough residents.

NOW, THEREFORE, BE IT RESOLVED by the Council of the Borough of Rose Valley that:

Section 1. The Rose Valley Borough Council requests that the Governor of the Commonwealth of Pennsylvania and the Secretary of PADEP allow for an open comment period of no less than 60 days upon the resubmission of the Sunoco Mariner East 2 permit application to PADEP, and further requests another public hearing to be held in Delaware County to address the public health, safety, and water contamination concerns of the Delaware County municipalities.

Section 2. The Rose Valley Borough Council strongly urges the Governor and the regulatory agencies of the Commonwealth of Pennsylvania to critically evaluate the appropriateness of the classification of the proposed Sunoco Mariner East 2 pipeline as a liquids pipeline. Rose Valley Borough Council further requests the development of a comprehensive independent risk assessment study of all of Delaware County, including Rose Valley Borough, as well as the development of an incident response plan commensurate with the effects of a pipeline leak or break.

Section 3. Rose Valley Borough reserves the right to intervene as an interested party in all proceedings before any and all county, state, or federal, courts, as well as to intervene in any and all proceedings before other regulatory agencies involved in the approval of the pipeline and other facilities that could increase the shipment of hazardous liquids through Delaware County in close proximity to Rose Valley Borough.

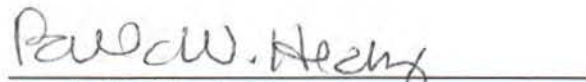
RESOLVED by the Council of the Borough of Rose Valley this 14th day of December, 2016.

BOROUGH OF ROSE VALLEY

By: 
William C. Hale, President

Approved this 14th day of Dec., 2016. Attested this 14th day of Dec., 2016.


Thomas F. Plummer, Mayor


Paula W. Healy, Secretary

**EDGMONT TOWNSHIP
DELAWARE COUNTY, PENNSYLVANIA**

PROCLAMATION

A PROCLAMATION of the Board of Supervisors of Edgmont Township, Delaware County, Pennsylvania, joining with its neighboring municipalities, Middletown Township and Thornbury Township and expressing great concern to the Governor of the Commonwealth of Pennsylvania, to the Secretary of the Pennsylvania Department of Environmental Protection and the Chairman of the Public Utility Commission regarding hazardous liquids transmission pipeline projects that threaten the health, safety and welfare of Township residents.

WHEREAS, Sunoco Pipeline L.P. (Sunoco) has announced that it is currently transporting highly volatile natural gas liquids (NGLs) under pressure through Edgmont Township, a “high consequence area,” using a repurposed transmission pipeline installed in the 1960s with a capacity of 70,000 barrels (2,940,000 gallons) per day (Mariner East 1); and

WHEREAS, an additional proposed Sunoco pipeline known as Mariner East 2 could, if constructed, transport through Edgmont Township an additional 275,000 barrels (11,550,000 gallons) per day of these same NGLS (with the potential to expand to 450,000 barrels (18,900,000 gallons) per day); and

WHEREAS, the highly volatile NGLs, which are being transported through the Township for the first time by Sunoco, are, if released, gaseous, invisible, odorless, toxic, heavier than air and highly flammable; and

WHEREAS, the Mariner East project has the potential to jeopardize public safety in Edgmont Township by construction methods, accidental leaks, explosions, or fire.

NOW THEREFORE, BE IT PROCLAIMED, that the Board of Supervisors of Edgmont Township, Delaware County, joins with its neighboring municipalities, Middletown Township and Thornbury Township, to express its deep concern about the existing and proposed Sunoco Mariner East transmission pipelines to the Governor of the Commonwealth of Pennsylvania, the Secretary of the Pennsylvania Department of Environmental Protection and the Chairman of the Public Utility Commission. Of particular concern to the Board of Supervisors and residents of Edgmont Township are the following:

FIRST CONCERN: Essential to the powers of the Township, are the police powers granted by the Second Class Township Code and the power to regulate the uses and development of land by the Pennsylvania Municipalities Planning Code. Exemptions given to public utilities under each of these enabling bodies of law severely preempt the Township's ability to exercise its police powers and its ability to fully protect the health, safety and welfare of its residents and are contrary to the Commonwealth's ongoing obligation under Article 1, Section 27 of the Constitution of the Commonwealth, which provides:

The people have a right to clean air, pure water, and to the preservation of the natural, scenic, historic and esthetic values of the environment. Pennsylvania's public natural resources are the common property of all the people, including generations yet to come. As trustee of these resources, the Commonwealth shall conserve and maintain them for the benefit of all the people.

The consequences of such exemptions squarely favor commerce over community safety and are contrary to the preservation of the public trust created by the Commonwealth Constitution. Legislation is needed to more fully empower the Township to exercise control over public utility facilities at the local level, which in turn supports the Commonwealth's responsibility toward the citizens of the Commonwealth under Article 1, Section 27 of the Commonwealth Constitution.

SECOND CONCERN: The Mariner East 2 project, including the repurposing of Mariner East 1 to carry NGLs creates a high level of risk to Township residents and their property due to the nature of these highly volatile liquids being transported and proposed to be transported through the Township. This risk must be demonstrably mitigated by such measures as the development of an incident response plan which includes (but is not limited to) viable worst-case evacuation routes developed in cooperation with the Township personnel and affected residents; enhanced safety equipment and safety training for first responders; and separation of new pipelines from existing residences by a distance equal to or greater than the Potential Impact Radius (PIR) of those pipelines.

THIRD CONCERN: Over the last 2½ decades, there have been releases from the original Mariner East pipeline which have resulted in damage to property within the Township. Those releases involved petroleum products and occurred prior to the recent repurposing of the pipelines to carry NGLs. The most recent release which occurred on April 10, 2015, caused and continues to cause concerns among affected residents as the breach in pipeline integrity was not detected by Sunoco. The release and subsequent clean up resulted in significant tree clearing and wet lands disturbance. More importantly, local private water supplies still appear to be adversely impacted with residents continuing to report oily residue and unusual color in their potable water supply.

The inherent dangers of transporting highly volatile NGLs under pressure through Edgmont Township, coupled with the fact that if released, these liquids are gaseous, invisible, odorless, toxic, heavier than air and highly flammable, exponentially magnify the need for Sunoco to have reliable methods and safeguards in place (a) to prevent releases in the first place and (b) to immediately detect, control and stop any NGL releases which may occur. These risks can be mitigated by the installation of automatic shutoff valves prior to the Township boundary where the transmission pipelines enter, as well as at the boundary where the transmission pipelines exit the Township and in other appropriate locations within the Township established to maximize resident safety. To the extent that release detection instruments can also be provided to affected residents adjacent to transmission pipelines, they should be provided and maintained by Sunoco with appropriate training provided to residents and Township personnel. This would afford an additional level of safety and notice for Township residents whose properties would be most immediately and severely impacted by a breach of the pipeline and provide Sunoco with the ability to more quickly respond to an emergency, hopefully avoiding the loss of persons and mitigating damage to property.

FOURTH CONCERN: The Mariner East 2 project may threaten the private water supply of a number of Township residents as the proposed construction methods has potential to create voids between the proposed pipeline and surrounding earth and that it is Sunoco's intention to leave these voids ungrouted, creating an unacceptable pathway for groundwater contamination. Proper and reasonable safeguards would be for Sunoco to establish a benchmark of the condition and quality of each of the wells within a prescribed radius along the project and monitor those same wells for an acceptable period of time post-construction to reasonably ensure no degradation of the groundwater.

FIFTH CONCERN: The Mariner East 2 project construction may disturb and alter essential elements of thoughtfully approved subdivisions. Such disturbance will adversely affect safeguards both within and without those subdivisions which have been carefully implemented in the establishment of those subdivisions. Sunoco must be required to restore such conditions and safeguards to the condition which the same were in immediately prior to the commencement of any construction.

In addition, the introduction of heavy construction equipment on local Township roads may cause significant inconvenience to the traveling public, as well as damage to Township road infrastructure which was not designed to handle such activity. Sunoco needs to ensure the continuity of traffic flow and protect against damage to Township road infrastructure and enforce measures which guaranty that its contractors use only local roads approved by the Township for Mariner East project purposes.

SIXTH CONCERN: To the extent that the Mariner East 2 project is approved by all necessary agencies with jurisdiction there over, the Commonwealth must insure that such construction includes the simultaneous construction of both the proposed 20" pipeline and contemplated 16" additional pipeline, whether or not the such construction

is deemed advisable or advantageous by Sunoco. To do otherwise will cause another significant period of hardship, consternation and anxiety to the residents of Township and surrounding community. This is a circumstance which is both unnecessary and easily avoided.

PROCLAIMED by the Board of Supervisors of Edgmont Township, Delaware County, Pennsylvania, at the regular meeting of said Board held this 19th day of December, 2016.

BOARD OF SUPERVISORS

Edgmont Township,
Delaware County, Pennsylvania

Ronald Gravina
Ronald Gravina, Chairman

Randolph Bates
Randolph Bates, Vice Chairman

Henry Winchester, III
Henry "Hank" Winchester, III, Supervisor

Attest:

Samantha Reiner
Samantha Reiner, Secretary

(TOWNSHIP SEAL)

EXHIBIT "E"
PHMSA CORRESPONDENCE



Eric Friedman <eric.law.friedman@gmail.com>

RE: Mariner East comprehensive written plan

1 message

karen.gentile@dot.gov <karen.gentile@dot.gov>

Thu, Dec 3, 2015 at 9:48 AM

To: eric.law.friedman@gmail.com

Cc: [REDACTED]

Mr. Friedman,

I've researched your question regarding the submission of a "comprehensive written plan", referenced in PHMSA's Advisory Bulletin ADB-2014-04 (Docket Number PHMSA-2014-0040 published September 18, 2014), as it relates to the Sunoco Logistics Partners L.P. (Sunoco) Mariner East 1 (ME1) Pipeline project. Sunoco did not submit a "comprehensive written plan" to PHMSA's Eastern Region Office as strongly encouraged in ADB-2014-04.

Both PHMA and Sunoco began efforts associated with the ME1 Project prior to PHMSA's issuance of ADB-2014-04. The PHMSA Eastern Region was advised and aware of the flow reversal, and reviewed detailed project plans in advance of and during the ME1 Project construction. Following the issuance of the advisory bulletin, PHMSA further reviewed project information as it relates to the advisory bulletin; no issues were identified.

Sunoco began conceptual and preliminary planning in 2009. Design work started in 2012, continued in 2013, and was completed in early 2014. While Sunoco design work was underway, Sunoco conducted in-line inspection (ILI) tool runs for the reversal segments. The data derived from these ILI runs was used to develop Sunoco's pipeline reversal reconditioning plan.

In January 2013, PHMSA's Eastern Region Director met with Sunoco personnel to discuss the ME1 Project. The Eastern Region Director and region personnel met with Sunoco again, in November 2013, to review new construction and pipeline reversal reconditioning details. PHMSA also performed inspection of Sunoco's repair work in November 2013.

New construction and reversal conversion continued on the ME1 project in 2014. PHMSA performed additional inspections in 2014, both prior to and following the issuance of ADB-2014-01. In the fall of 2014 (October-November), Sunoco performed hydro-testing on ME1. Prior to the ME1 line fill and start up in December 2014, PHMSA reviewed the Sunoco ME1 Start up Plan. The commissioning of the ME1 pump stations followed.

Sunoco has kept PHMSA Eastern Region personnel informed of the project plans and progress throughout the project planning, construction, and implementation phases. Based on the prior communication and inspection of the ME1 project, review of the project information as it related to the advisory bulletin, and the project status nearing the end of the construction phase, Sunoco did not submit the comprehensive written plan referenced in PHMSA-2014-0040.

If you should have any additional questions, please do not hesitate to contact me.

Best regards,

Karen

Karen Gentile

Community Assistance & Technical Services (CATS) Manager

U.S. Department of Transportation

Pipeline & Hazardous Materials Safety Administration (PHMSA)

e-mail: Karen.Gentile@dot.gov

Tel: 609-989-2252

From: Eric Friedman [mailto:eric.law.friedman@gmail.com]

Sent: Monday, November 23, 2015 12:51 PM

To: Gentile, Karen (PHMSA)

Cc: [REDACTED]

Subject: Re: Mariner East comprehensive written plan

Thank you Karen, I really appreciate it.

If no "comprehensive written plan" was filed, it would be sufficient if you just let me know that. If a plan was filed but a request under FOIA is necessary to get a copy, I will be happy to make that request to the appropriate office.

Again, many thanks for your assistance.

Eric

On Fri, Nov 20, 2015 at 7:05 AM, <karen.gentile@dot.gov> wrote:

Eric,

I just wanted to let you know that I am looking into your question and will get back with you as soon as possible.

Best regards,

Karen

Karen Gentile

Community Assistance & Technical Services (CATS) Manager

U.S. Department of Transportation

Pipeline & Hazardous Materials Safety Administration (PHMSA)

e-mail: Karen.Gentile@dot.gov

Tel: 609-989-2252

From: [REDACTED] [mailto:[REDACTED]]

Sent: Friday, November 13, 2015 1:20 PM

To: Gentile, Karen (PHMSA)

Cc: eric.law.friedman@gmail.com

Subject: Mariner East comprehensive written plan

Good afternoon Karen,

On September 18, 2014, PHMSA issued an advisory bulletin titled "Pipeline Safety: Guidance for Pipeline Flow Reversals, Product Changes and Conversion to Service" (under docket no. PHMSA-2014-0040).

This bulletin recommends that when these kinds of operational changes are made, that operators should submit to the appropriate PHMSA regional office a comprehensive written plan prior to implementation.


The 1930s-era "Mariner East 1" pipeline certainly appears to fall under the "flow reversal and product changes" provisions of this bulletin. I write to ask whether Sunoco, the current operator of Mariner East 1, filed such a comprehensive written plan with PHMSA? If it did, I respectfully request a copy of it.

Thank you,

Eric

Eric Friedman
[REDACTED]

EXHIBIT "F"
SUNOCO MARINER EAST 1 SPILL REPORT

NOTICE: This report is required by 49 CFR Part 195. Failure to report can result in a civil penalty not to exceed \$100,000 for each violation for each day that such violation persists except that the maximum civil penalty shall not exceed \$1,000,000 as provided in 49 USC 60122.		OMB NO: 2137-0047 EXPIRATION DATE: 12/31/2016	
 U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration	Original Report Date:	04/26/2017	
	No.	20170138 - 22296 ----- (DOT Use Only)	
ACCIDENT REPORT - HAZARDOUS LIQUID PIPELINE SYSTEMS			
A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0047. All responses to the collection of information are mandatory. Send comments regarding this burden or any other aspect of this collection of information, including suggestions for reducing the burden to: Information Collection Clearance Officer, PHMSA, Office of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.			
INSTRUCTIONS			
<i>Important: Please read the separate instructions for completing this form before you begin. They clarify the information requested and provide specific examples. If you do not have a copy of the instructions, you can obtain one from the PHMSA Pipeline Safety Community Web Page at http://www.phmsa.dot.gov/pipeline/library/forms.</i>			
PART A - KEY REPORT INFORMATION			
Report Type: <i>(select all that apply)</i>	Original:	Supplemental:	Final:
	Yes		
Last Revision Date:			
1. Operator's OPS-issued Operator Identification Number (OPID):	18718		
2. Name of Operator	SUNOCO PIPELINE L.P.		
3. Address of Operator:			
3a. Street Address	4041 MARKET STREET		
3b. City	ASTON		
3c. State	Pennsylvania		
3d. Zip Code	19014		
4. Local time (24-hr clock) and date of the Accident:	04/01/2017 15:57		
5. Location of Accident:			
Latitude:	40.17774		
Longitude:	-75.87633		
6. National Response Center Report Number (if applicable):	1174615		
7. Local time (24-hr clock) and date of initial telephonic report to the National Response Center (if applicable):	04/01/2017 17:59		
8. Commodity released: <i>(select only one, based on predominant volume released)</i>	HVL or Other Flammable or Toxic Fluid which is a Gas at Ambient Conditions		
- Specify Commodity Subtype:	LPG (Liquefied Petroleum Gas) / NGL (Natural Gas Liquid)		
- If "Other" Subtype, Describe:			
- If Biofuel/Alternative Fuel and Commodity Subtype is Ethanol Blend, then % Ethanol Blend:			
- If Biofuel/Alternative Fuel and Commodity Subtype is Biodiesel, then Biodiesel Blend e.g. B2, B20, B100			
9. Estimated volume of commodity released unintentionally (Barrels):	20.00		
10. Estimated volume of intentional and/or controlled release/blowdown (Barrels):			
11. Estimated volume of commodity recovered (Barrels):			
12. Were there fatalities?	No		
- If Yes, specify the number in each category:			
12a. Operator employees			
12b. Contractor employees working for the Operator			
12c. Non-Operator emergency responders			
12d. Workers working on the right-of-way, but NOT associated with this Operator			
12e. General public			
12f. Total fatalities (sum of above)			
13. Were there injuries requiring inpatient hospitalization?	No		
- If Yes, specify the number in each category:			
13a. Operator employees			
13b. Contractor employees working for the Operator			
13c. Non-Operator emergency responders			
13d. Workers working on the right-of-way, but NOT associated with this Operator			

13e. General public	
13f. Total injuries (sum of above)	
14. Was the pipeline/facility shut down due to the Accident?	Yes
- If No, Explain:	
- If Yes, complete Questions 14a and 14b: (use local time, 24-hr clock)	
14a. Local time and date of shutdown:	04/01/2017 18:32
14b. Local time pipeline/facility restarted:	04/06/2017 20:12
- Still shut down? (* Supplemental Report Required)	
15. Did the commodity ignite?	No
16. Did the commodity explode?	No
17. Number of general public evacuated:	0
18. Time sequence (use local time, 24-hour clock):	
18a. Local time Operator identified Accident - effective 7- 2014 changed to "Local time Operator identified failure":	04/01/2017 15:57
18b. Local time Operator resources arrived on site:	04/01/2017 17:00
PART B - ADDITIONAL LOCATION INFORMATION	
1. Was the origin of the Accident onshore?	Yes
<i>If Yes, Complete Questions (2-12)</i>	
<i>If No, Complete Questions (13-15)</i>	
- If Onshore:	
2. State:	Pennsylvania
3. Zip Code:	19543
4. City:	Morgantown
5. County or Parish:	Berks
6. Operator-designated location:	Survey Station No.
Specify:	2449+12
7. Pipeline/Facility name:	8" Twin Oaks-Montello
8. Segment name/ID:	11190 TWIN-MNTL-8
9. Was Accident on Federal land, other than the Outer Continental Shelf (OCS)?	No
10. Location of Accident:	Pipeline Right-of-way
11. Area of Accident (as found):	Underground
Specify:	Under soil
- If Other, Describe:	
Depth-of-Cover (in):	29
12. Did Accident occur in a crossing?	No
- If Yes, specify type below:	
- If Bridge crossing –	
Cased/ Uncased:	
- If Railroad crossing –	
Cased/ Uncased/ Bored/drilled	
- If Road crossing –	
Cased/ Uncased/ Bored/drilled	
- If Water crossing –	
Cased/ Uncased	
- Name of body of water, if commonly known:	
- Approx. water depth (ft) at the point of the Accident:	
- Select:	
- If Offshore:	
13. Approximate water depth (ft) at the point of the Accident:	
14. Origin of Accident:	
- In State waters - Specify:	
- State:	
- Area:	
- Block/Tract #:	
- Nearest County/Parish:	
- On the Outer Continental Shelf (OCS) - Specify:	
- Area:	
- Block #:	
15. Area of Accident:	
PART C - ADDITIONAL FACILITY INFORMATION	
1. Is the pipeline or facility:	Interstate
2. Part of system involved in Accident:	Onshore Pipeline, Including Valve Sites
- If Onshore Breakout Tank or Storage Vessel, Including Attached Appurtenances, specify:	
3. Item involved in Accident:	Weld, including heat-affected zone
- If Pipe, specify:	

3a. Nominal diameter of pipe (in):	8.625
3b. Wall thickness (in):	.312
3c. SMYS (Specified Minimum Yield Strength) of pipe (psi):	35,000
3d. Pipe specification:	Grade B
3e. Pipe Seam , specify:	Seamless
- If Other, Describe:	
3f. Pipe manufacturer:	National Tube
3g. Year of manufacture:	1931
3h. Pipeline coating type at point of Accident, specify:	None
- If Other, Describe:	
- If Weld, including heat-affected zone, specify. If Pipe Girth Weld, 3a through 3h above are required:	Pipe Girth Weld
- If Other, Describe:	
- If Valve, specify:	
- If Mainline, specify:	
- If Other, Describe:	
3i. Manufactured by:	
3j. Year of manufacture:	
- If Tank/Vessel, specify:	
- If Other - Describe:	
- If Other, describe:	
4. Year item involved in Accident was installed:	1931
5. Material involved in Accident:	Carbon Steel
- If Material other than Carbon Steel, specify:	
6. Type of Accident Involved:	Leak
- If Mechanical Puncture – Specify Approx. size:	
in. (axial) by	
in. (circumferential)	
- If Leak - Select Type:	Pinhole
- If Other, Describe:	
- If Rupture - Select Orientation:	
- If Other, Describe:	
Approx. size: in. (widest opening) by	
in. (length circumferentially or axially)	
- If Other – Describe:	
PART D - ADDITIONAL CONSEQUENCE INFORMATION	
1. Wildlife impact:	No
1a. If Yes, specify all that apply:	
- Fish/aquatic	
- Birds	
- Terrestrial	
2. Soil contamination:	No
3. Long term impact assessment performed or planned:	No
4. Anticipated remediation:	No
4a. If Yes, specify all that apply:	
- Surface water	
- Groundwater	
- Soil	
- Vegetation	
- Wildlife	
5. Water contamination:	No
5a. If Yes, specify all that apply:	
- Ocean/Seawater	
- Surface	
- Groundwater	
- Drinking water: (Select one or both)	
- Private Well	
- Public Water Intake	
5b. Estimated amount released in or reaching water (Barrels):	
5c. Name of body of water, if commonly known:	
6. At the location of this Accident, had the pipeline segment or facility been identified as one that "could affect" a High Consequence Area (HCA) as determined in the Operator's Integrity Management Program?	Yes
7. Did the released commodity reach or occur in one or more High Consequence Area (HCA)?	Yes
7a. If Yes, specify HCA type(s): (Select all that apply)	
- Commercially Navigable Waterway:	
Was this HCA identified in the "could affect"	

determination for this Accident site in the Operator's Integrity Management Program?	
- High Population Area:	
Was this HCA identified in the "could affect" determination for this Accident site in the Operator's Integrity Management Program?	
- Other Populated Area	Yes
Was this HCA identified in the "could affect" determination for this Accident site in the Operator's Integrity Management Program?	Yes
- Unusually Sensitive Area (USA) - Drinking Water	
Was this HCA identified in the "could affect" determination for this Accident site in the Operator's Integrity Management Program?	
- Unusually Sensitive Area (USA) - Ecological	Yes
Was this HCA identified in the "could affect" determination for this Accident site in the Operator's Integrity Management Program?	Yes
8. Estimated cost to Operator – effective 12-2012, changed to "Estimated Property Damage":	
8a. Estimated cost of public and non-Operator private property damage paid/reimbursed by the Operator – effective 12-2012, "paid/reimbursed by the Operator" removed	\$ 0
8b. Estimated cost of commodity lost	\$ 205
8c. Estimated cost of Operator's property damage & repairs	\$ 255,957
8d. Estimated cost of Operator's emergency response	\$ 79,036
8e. Estimated cost of Operator's environmental remediation	\$ 0
8f. Estimated other costs	\$ 2,968
Describe:	Shipping Pipe for Lab Analysis
8g. Estimated total costs (sum of above) – effective 12-2012, changed to "Total estimated property damage (sum of above)"	\$ 338,166
PART E - ADDITIONAL OPERATING INFORMATION	
1. Estimated pressure at the point and time of the Accident (psig):	1,247.00
2. Maximum Operating Pressure (MOP) at the point and time of the Accident (psig):	1,480.00
3. Describe the pressure on the system or facility relating to the Accident (psig):	Pressure did not exceed MOP
4. Not including pressure reductions required by PHMSA regulations (such as for repairs and pipe movement), was the system or facility relating to the Accident operating under an established pressure restriction with pressure limits below those normally allowed by the MOP?	No
- If Yes, Complete 4.a and 4.b below:	
4a. Did the pressure exceed this established pressure restriction?	
4b. Was this pressure restriction mandated by PHMSA or the State?	
5. Was "Onshore Pipeline, Including Valve Sites" OR "Offshore Pipeline, Including Riser and Riser Bend" selected in PART C, Question 2?	Yes
- If Yes - (Complete 5a. – 5f below) effective 12-2012, changed to "(Complete 5.a – 5.e below)"	
5a. Type of upstream valve used to initially isolate release source:	Remotely Controlled
5b. Type of downstream valve used to initially isolate release source:	Manual
5c. Length of segment isolated between valves (ft):	37,329
5d. Is the pipeline configured to accommodate internal inspection tools?	Yes
- If No, Which physical features limit tool accommodation? (select all that apply)	
- Changes in line pipe diameter	
- Presence of unsuitable mainline valves	
- Tight or mitered pipe bends	
- Other passage restrictions (i.e. unbarred tee's, projecting instrumentation, etc.)	
- Extra thick pipe wall (applicable only for magnetic flux leakage internal inspection tools)	
- Other -	
- If Other, Describe:	
5e. For this pipeline, are there operational factors which significantly complicate the execution of an internal inspection tool run?	No

- If Yes, Which operational factors complicate execution? (select all that apply)	
- Excessive debris or scale, wax, or other wall buildup	
- Low operating pressure(s)	
- Low flow or absence of flow	
- Incompatible commodity	
- Other -	
- If Other, Describe:	
5f. Function of pipeline system:	> 20% SMYS Regulated Trunkline/Transmission
6. Was a Supervisory Control and Data Acquisition (SCADA)-based system in place on the pipeline or facility involved in the Accident?	Yes
If Yes -	
6a. Was it operating at the time of the Accident?	Yes
6b. Was it fully functional at the time of the Accident?	Yes
6c. Did SCADA-based information (such as alarm(s), alert(s), event(s), and/or volume calculations) assist with the detection of the Accident?	No
6d. Did SCADA-based information (such as alarm(s), alert(s), event(s), and/or volume calculations) assist with the confirmation of the Accident?	No
7. Was a CPM leak detection system in place on the pipeline or facility involved in the Accident?	Yes
- If Yes:	
7a. Was it operating at the time of the Accident?	Yes
7b. Was it fully functional at the time of the Accident?	Yes
7c. Did CPM leak detection system information (such as alarm(s), alert(s), event(s), and/or volume calculations) assist with the detection of the Accident?	No
7d. Did CPM leak detection system information (such as alarm(s), alert(s), event(s), and/or volume calculations) assist with the confirmation of the Accident?	No
8. How was the Accident initially identified for the Operator?	Notification From Public
- If Other, Specify:	
8a. If "Controller", "Local Operating Personnel", including contractors", "Air Patrol", or "Ground Patrol by Operator or its contractor" is selected in Question 8, specify:	
9. Was an investigation initiated into whether or not the controller(s) or control room issues were the cause of or a contributing factor to the Accident?	No, the Operator did not find that an investigation of the controller(s) actions or control room issues was necessary due to: (provide an explanation for why the Operator did not investigate)
- If No, the Operator did not find that an investigation of the controller(s) actions or control room issues was necessary due to: (provide an explanation for why the operator did not investigate)	A review of the accident determined that there were no control room actions that contributed to the event.
- If Yes, specify investigation result(s): (select all that apply)	
- Investigation reviewed work schedule rotations, continuous hours of service (while working for the Operator), and other factors associated with fatigue	
- Investigation did NOT review work schedule rotations, continuous hours of service (while working for the Operator), and other factors associated with fatigue	
Provide an explanation for why not:	
- Investigation identified no control room issues	
- Investigation identified no controller issues	
- Investigation identified incorrect controller action or controller error	
- Investigation identified that fatigue may have affected the controller(s) involved or impacted the involved controller(s) response	
- Investigation identified incorrect procedures	
- Investigation identified incorrect control room equipment operation	
- Investigation identified maintenance activities that affected control room operations, procedures, and/or controller response	
- Investigation identified areas other than those above:	
Describe:	
PART F - DRUG & ALCOHOL TESTING INFORMATION	

1. As a result of this Accident, were any Operator employees tested under the post-accident drug and alcohol testing requirements of DOT's Drug & Alcohol Testing regulations?	No
- If Yes:	
1a. Specify how many were tested:	
1b. Specify how many failed:	
2. As a result of this Accident, were any Operator contractor employees tested under the post-accident drug and alcohol testing requirements of DOT's Drug & Alcohol Testing regulations?	No
- If Yes:	
2a. Specify how many were tested:	
2b. Specify how many failed:	
PART G – APPARENT CAUSE	
Select only one box from PART G in shaded column on left representing the APPARENT Cause of the Accident, and answer the questions on the right. Describe secondary, contributing or root causes of the Accident in the narrative (PART H).	
Apparent Cause:	G1 - Corrosion Failure
G1 - Corrosion Failure - only one sub-cause can be picked from shaded left-hand column	
Corrosion Failure – Sub-Cause:	External Corrosion
- If External Corrosion:	
1. Results of visual examination:	Localized Pitting
- If Other, Describe:	
2. Type of corrosion: <i>(select all that apply)</i>	
- Galvanic	Yes
- Atmospheric	
- Stray Current	
- Microbiological	
- Selective Seam	
- Other:	
- If Other, Describe:	
3. The type(s) of corrosion selected in Question 2 is based on the following: <i>(select all that apply)</i>	
- Field examination	Yes
- Determined by metallurgical analysis	
- Other:	
- If Other, Describe:	
4. Was the failed item buried under the ground?	Yes
- If Yes :	
<input type="checkbox"/> 4a. Was failed item considered to be under cathodic protection at the time of the Accident?	Yes
If Yes - Year protection started:	1964
4b. Was shielding, tenting, or disbonding of coating evident at the point of the Accident?	No
4c. Has one or more Cathodic Protection Survey been conducted at the point of the Accident?	Yes
If "Yes, CP Annual Survey" – Most recent year conducted:	2016
If "Yes, Close Interval Survey" – Most recent year conducted:	2013
If "Yes, Other CP Survey" – Most recent year conducted:	
- If No:	
4d. Was the failed item externally coated or painted?	
5. Was there observable damage to the coating or paint in the vicinity of the corrosion?	No
- If Internal Corrosion:	
6. Results of visual examination:	
- Other:	
7. Type of corrosion <i>(select all that apply)</i> : -	
- Corrosive Commodity	
- Water drop-out/Acid	
- Microbiological	
- Erosion	
- Other:	
- If Other, Describe:	
8. The cause(s) of corrosion selected in Question 7 is based on the following <i>(select all that apply)</i> : -	
- Field examination	
- Determined by metallurgical analysis	
- Other:	

- If Other, Describe:		
9. Location of corrosion (select all that apply): -		
- Low point in pipe		
- Elbow		
- Other:		
- If Other, Describe:		
10. Was the commodity treated with corrosion inhibitors or biocides?		
11. Was the interior coated or lined with protective coating?		
12. Were cleaning/dewatering pigs (or other operations) routinely utilized?		
13. Were corrosion coupons routinely utilized?		
Complete the following if any Corrosion Failure sub-cause is selected AND the "Item Involved in Accident" (from PART C, Question 3) is Tank/Vessel.		
14. List the year of the most recent inspections:		
14a. API Std 653 Out-of-Service Inspection		
- No Out-of-Service Inspection completed		
14b. API Std 653 In-Service Inspection		
- No In-Service Inspection completed		
Complete the following if any Corrosion Failure sub-cause is selected AND the "Item Involved in Accident" (from PART C, Question 3) is Pipe or Weld.		
15. Has one or more internal inspection tool collected data at the point of the Accident?		Yes
15a. If Yes, for each tool used, select type of internal inspection tool and indicate most recent year run: -		
- Magnetic Flux Leakage Tool		
Most recent year:		
- Ultrasonic		
Most recent year:		
- Geometry		
Most recent year:		
- Caliper		
Most recent year:		
- Crack		Yes
Most recent year:		2013
- Hard Spot		
Most recent year:		
- Combination Tool		Yes
Most recent year:		2013
- Transverse Field/Triaxial		
Most recent year:		
- Other		
Most recent year:		
Describe:		
16. Has one or more hydrotest or other pressure test been conducted since original construction at the point of the Accident?		Yes
If Yes -		
Most recent year tested:		2014
Test pressure:		2,072.00
17. Has one or more Direct Assessment been conducted on this segment?		No
- If Yes, and an investigative dig was conducted at the point of the Accident::		
Most recent year conducted:		
- If Yes, but the point of the Accident was not identified as a dig site:		
Most recent year conducted:		
18. Has one or more non-destructive examination been conducted at the point of the Accident since January 1, 2002?		No
18a. If Yes, for each examination conducted since January 1, 2002, select type of non-destructive examination and indicate most recent year the examination was conducted:		
- Radiography		
Most recent year conducted:		
- Guided Wave Ultrasonic		
Most recent year conducted:		
- Handheld Ultrasonic Tool		
Most recent year conducted:		
- Wet Magnetic Particle Test		
Most recent year conducted:		
- Dry Magnetic Particle Test		
Most recent year conducted:		
- Other		
Most recent year conducted:		
Describe:		

G2 - Natural Force Damage - only one sub-cause can be picked from shaded left-handed column	
Natural Force Damage – Sub-Cause:	
- If Earth Movement, NOT due to Heavy Rains/Floods:	
1. Specify:	
	- If Other, Describe:
- If Heavy Rains/Floods:	
2. Specify:	
	- If Other, Describe:
- If Lightning:	
3. Specify:	
- If Temperature:	
4. Specify:	
	- If Other, Describe:
- If Other Natural Force Damage:	
5. Describe:	
Complete the following if any Natural Force Damage sub-cause is selected.	
6. Were the natural forces causing the Accident generated in conjunction with an extreme weather event?	
6a. If Yes, specify: <i>(select all that apply)</i>	
	- Hurricane
	- Tropical Storm
	- Tornado
	- Other
	- If Other, Describe:
G3 - Excavation Damage - only one sub-cause can be picked from shaded left-hand column	
Excavation Damage – Sub-Cause:	
- If Previous Damage due to Excavation Activity: Complete Questions 1-5 ONLY IF the "Item Involved in Accident" (from PART C, Question 3) is Pipe or Weld.	
1. Has one or more internal inspection tool collected data at the point of the Accident?	
1a. If Yes, for each tool used, select type of internal inspection tool and indicate most recent year run: -	
	- Magnetic Flux Leakage Most recent year conducted:
	- Ultrasonic Most recent year conducted:
	- Geometry Most recent year conducted:
	- Caliper Most recent year conducted:
	- Crack Most recent year conducted:
	- Hard Spot Most recent year conducted:
	- Combination Tool Most recent year conducted:
	- Transverse Field/Triaxial Most recent year conducted:
	- Other Most recent year conducted:
	Describe:
2. Do you have reason to believe that the internal inspection was completed BEFORE the damage was sustained?	
3. Has one or more hydrotest or other pressure test been conducted since original construction at the point of the Accident?	
	- If Yes: Most recent year tested: Test pressure (psig):
4. Has one or more Direct Assessment been conducted on the pipeline segment?	
	- If Yes, and an investigative dig was conducted at the point of the Accident: Most recent year conducted:
	- If Yes, but the point of the Accident was not identified as a dig site: Most recent year conducted:
5. Has one or more non-destructive examination been conducted at the point of the Accident since January 1, 2002?	

5a. If Yes, for each examination, conducted since January 1, 2002, select type of non-destructive examination and indicate most recent year the examination was conducted:	
- Radiography	Most recent year conducted:
- Guided Wave Ultrasonic	Most recent year conducted:
- Handheld Ultrasonic Tool	Most recent year conducted:
- Wet Magnetic Particle Test	Most recent year conducted:
- Dry Magnetic Particle Test	Most recent year conducted:
- Other	Most recent year conducted:
Describe:	
Complete the following if Excavation Damage by Third Party is selected as the sub-cause.	
6. Did the operator get prior notification of the excavation activity?	
6a. If Yes, Notification received from: <i>(select all that apply)</i> -	
- One-Call System	
- Excavator	
- Contractor	
- Landowner	
Complete the following mandatory CGA-DIRT Program questions if any Excavation Damage sub-cause is selected.	
7. Do you want PHMSA to upload the following information to CGA-DIRT (www.cga-dirt.com)?	
8. Right-of-Way where event occurred: <i>(select all that apply)</i> -	
- Public	- If "Public", Specify:
- Private	- If "Private", Specify:
- Pipeline Property/Easement	
- Power/Transmission Line	
- Railroad	
- Dedicated Public Utility Easement	
- Federal Land	
- Data not collected	
- Unknown/Other	
9. Type of excavator:	
10. Type of excavation equipment:	
11. Type of work performed:	
12. Was the One-Call Center notified?	
12a. If Yes, specify ticket number:	
12b. If this is a State where more than a single One-Call Center exists, list the name of the One-Call Center notified:	
13. Type of Locator:	
14. Were facility locate marks visible in the area of excavation?	
15. Were facilities marked correctly?	
16. Did the damage cause an interruption in service?	
16a. If Yes, specify duration of the interruption (hours)	
17. Description of the CGA-DIRT Root Cause <i>(select only the one predominant first level CGA-DIRT Root Cause and then, where available as a choice, the one predominant second level CGA-DIRT Root Cause as well):</i>	
Root Cause:	
- If One-Call Notification Practices Not Sufficient, specify:	
- If Locating Practices Not Sufficient, specify:	
- If Excavation Practices Not Sufficient, specify:	
- If Other/None of the Above, explain:	
G4 - Other Outside Force Damage - only one sub-cause can be selected from the shaded left-hand column	
Other Outside Force Damage – Sub-Cause:	
- If Damage by Car, Truck, or Other Motorized Vehicle/Equipment NOT Engaged in Excavation:	
1. Vehicle/Equipment operated by:	
- If Damage by Boats, Barges, Drilling Rigs, or Other Maritime Equipment or Vessels Set Adrift or Which Have Otherwise Lost Their Mooring:	
2. Select one or more of the following IF an extreme weather event was a factor:	
- Hurricane	
- Tropical Storm	
- Tornado	

- Heavy Rains/Flood	
- Other	
- If Other, Describe:	
- If Previous Mechanical Damage NOT Related to Excavation: Complete Questions 3-7 ONLY IF the "Item Involved in Accident" (from PART C, Question 3) is Pipe or Weld.	
3. Has one or more internal inspection tool collected data at the point of the Accident?	
3a. If Yes, for each tool used, select type of internal inspection tool and indicate most recent year run:	
- Magnetic Flux Leakage	Most recent year conducted:
- Ultrasonic	Most recent year conducted:
- Geometry	Most recent year conducted:
- Caliper	Most recent year conducted:
- Crack	Most recent year conducted:
- Hard Spot	Most recent year conducted:
- Combination Tool	Most recent year conducted:
- Transverse Field/Triaxial	Most recent year conducted:
- Other	Most recent year conducted:
	Describe:
4. Do you have reason to believe that the internal inspection was completed BEFORE the damage was sustained?	
5. Has one or more hydrotest or other pressure test been conducted since original construction at the point of the Accident?	
- If Yes:	
	Most recent year tested:
	Test pressure (psig):
6. Has one or more Direct Assessment been conducted on the pipeline segment?	
- If Yes, and an investigative dig was conducted at the point of the Accident:	Most recent year conducted:
- If Yes, but the point of the Accident was not identified as a dig site:	Most recent year conducted:
7. Has one or more non-destructive examination been conducted at the point of the Accident since January 1, 2002?	
7a. If Yes, for each examination conducted since January 1, 2002, select type of non-destructive examination and indicate most recent year the examination was conducted:	
- Radiography	Most recent year conducted:
- Guided Wave Ultrasonic	Most recent year conducted:
- Handheld Ultrasonic Tool	Most recent year conducted:
- Wet Magnetic Particle Test	Most recent year conducted:
- Dry Magnetic Particle Test	Most recent year conducted:
- Other	Most recent year conducted:
	Describe:
- If Intentional Damage:	
8. Specify:	
	- If Other, Describe:
- If Other Outside Force Damage:	
9. Describe:	
G5 - Material Failure of Pipe or Weld - only one sub-cause can be selected from the shaded left-hand column	
Use this section to report material failures ONLY IF the "Item Involved in Accident" (from PART C, Question 3) is "Pipe" or "Weld."	
Material Failure of Pipe or Weld – Sub-Cause:	
1. The sub-cause shown above is based on the following: <i>(select all that apply)</i>	

- Field Examination	
- Determined by Metallurgical Analysis	
- Other Analysis	
- If "Other Analysis", Describe:	
- Sub-cause is Tentative or Suspected; Still Under Investigation (Supplemental Report required)	
- If Construction, Installation, or Fabrication-related:	
2. List contributing factors: <i>(select all that apply)</i>	
- Fatigue or Vibration-related	
Specify:	
- If Other, Describe:	
- Mechanical Stress:	
- Other	
- If Other, Describe:	
- If Environmental Cracking-related:	
3. Specify:	
- If Other - Describe:	
Complete the following if any Material Failure of Pipe or Weld sub-cause is selected.	
4. Additional factors: <i>(select all that apply)</i> :	
- Dent	
- Gouge	
- Pipe Bend	
- Arc Burn	
- Crack	
- Lack of Fusion	
- Lamination	
- Buckle	
- Wrinkle	
- Misalignment	
- Burnt Steel	
- Other:	
- If Other, Describe:	
5. Has one or more internal inspection tool collected data at the point of the Accident?	
5a. If Yes, for each tool used, select type of internal inspection tool and indicate most recent year run:	
- Magnetic Flux Leakage	
Most recent year run:	
- Ultrasonic	
Most recent year run:	
- Geometry	
Most recent year run:	
- Caliper	
Most recent year run:	
- Crack	
Most recent year run:	
- Hard Spot	
Most recent year run:	
- Combination Tool	
Most recent year run:	
- Transverse Field/Triaxial	
Most recent year run:	
- Other	
Most recent year run:	
Describe:	
6. Has one or more hydrotest or other pressure test been conducted since original construction at the point of the Accident?	
- If Yes:	
Most recent year tested:	
Test pressure (psig):	
7. Has one or more Direct Assessment been conducted on the pipeline segment?	
- If Yes, and an investigative dig was conducted at the point of the Accident -	
Most recent year conducted:	
- If Yes, but the point of the Accident was not identified as a dig site -	
Most recent year conducted:	
8. Has one or more non-destructive examination(s) been conducted at the point of the Accident since January 1, 2002?	
8a. If Yes, for each examination conducted since January 1, 2002, select type of non-destructive examination and indicate most recent year the examination was conducted: -	

- Radiography	Most recent year conducted:	
- Guided Wave Ultrasonic	Most recent year conducted:	
- Handheld Ultrasonic Tool	Most recent year conducted:	
- Wet Magnetic Particle Test	Most recent year conducted:	
- Dry Magnetic Particle Test	Most recent year conducted:	
- Other	Most recent year conducted:	
	Describe:	

G6 – Equipment Failure - only one **sub-cause** can be selected from the shaded left-hand column

Equipment Failure – Sub-Cause:

- If Malfunction of Control/Relief Equipment:

1. Specify: *(select all that apply)* -

- Control Valve	
- Instrumentation	
- SCADA	
- Communications	
- Block Valve	
- Check Valve	
- Relief Valve	
- Power Failure	
- Stopple/Control Fitting	
- ESD System Failure	
- Other	
	- If Other – Describe:

- If Pump or Pump-related Equipment:

2. Specify:

	- If Other – Describe:
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- If Threaded Connection/Coupling Failure:

3. Specify:

	- If Other – Describe:
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- If Non-threaded Connection Failure:

4. Specify:

	- If Other – Describe:
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- If Other Equipment Failure:

5. Describe:

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Complete the following if any Equipment Failure sub-cause is selected.

6. Additional factors that contributed to the equipment failure: *(select all that apply)*

- Excessive vibration	
- Overpressurization	
- No support or loss of support	
- Manufacturing defect	
- Loss of electricity	
- Improper installation	
- Mismatched items (different manufacturer for tubing and tubing fittings)	
- Dissimilar metals	
- Breakdown of soft goods due to compatibility issues with transported commodity	
- Valve vault or valve can contributed to the release	
- Alarm/status failure	
- Misalignment	
- Thermal stress	
- Other	
	- If Other, Describe:

G7 - Incorrect Operation - only one **sub-cause** can be selected from the shaded left-hand column

Incorrect Operation – Sub-Cause:

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- If Tank, Vessel, or Sump/Separator Allowed or Caused to Overfill or Overflow	
1. Specify:	
- If Other, Describe:	
- If Other Incorrect Operation	
2. Describe:	
Complete the following if any Incorrect Operation sub-cause is selected.	
3. Was this Accident related to <i>(select all that apply)</i> : -	
- Inadequate procedure	
- No procedure established	
- Failure to follow procedure	
- Other:	
- If Other, Describe:	
4. What category type was the activity that caused the Accident?	
5. Was the task(s) that led to the Accident identified as a covered task in your Operator Qualification Program?	
5a. If Yes, were the individuals performing the task(s) qualified for the task(s)?	
G8 - Other Accident Cause - only one sub-cause can be selected from the shaded left-hand column	
Other Accident Cause – Sub-Cause:	
- If Miscellaneous:	
1. Describe:	
- If Unknown:	
2. Specify:	
PART H - NARRATIVE DESCRIPTION OF THE ACCIDENT	
<p>On April 1, 2017 at 15:57, a call was received by the Sunoco Pipeline LP (SPLP) Control Center via the company emergency number from a landowner reporting a possible leak along the pipeline ROW at 5530 Morgantown Rd, Morgantown, PA. Internal notifications were made and SPLP field personnel were immediately dispatched to the field to investigate. Field personnel arrived onsite at approximately 17:00 and confirmation of the release was made at approximately 17:04. NRC notification was made at 17:59 (Report 1174615) that same day. Required follow up report to NRC was made on April 3, 2017 at 15:46 (Report 1174748) updating the volume released to 20bbbls and also providing updated coordinates of the release location.</p> <p>The pipeline was shut down and the affected area was isolated. Product was displaced and the isolated segment was nitrogen purged. Subsequent excavation revealed the source of the leak as a small external corrosion pinhole. The affected section of piping was cut out and replaced and the failed section was sent to a 3rd party laboratory for failure analysis. A Supplemental-Final DOT 7000-1 Report will be submitted subsequent to completion of failure analysis.</p>	
PART I - PREPARER AND AUTHORIZED SIGNATURE	
Preparer's Name	Todd G. Nardozzi
Preparer's Title	DOT Compliance Sr. Manager
Preparer's Telephone Number	281-637-6576
Preparer's E-mail Address	TGNardozzi@sunocologistics.com
Preparer's Facsimile Number	877-917-0448
Authorized Signer Name	Todd G. Nardozzi
Authorized Signer Title	DOT Compliance Sr. Manager
Authorized Signer Telephone Number	281-637-6576
Authorized Signer Email	TGNardozzi@sunocologistics.com
Date	04/26/2017

EXHIBIT "G"
PHMSA FLOW REVERSAL GUIDANCE

Recognizing and Responding to Pipeline Emergencies

Recognizing and Responding to Natural Gas Emergencies in Your Home or Workplace:

If you notice the distinctive “rotten egg” smell of odorized natural gas, follow these **DO's** and **DONT's**.

DO NOT!

- Start an engine of any kind;
- Strike matches or create a flame of any kind;
- Use a telephone or cell phone (these can ignite airborne gases);
- Turn on or off any light switches, garage door openers or other electrical switches (these also can ignite airborne gases).

DO!

- Make sure gas appliances are turned all the way OFF;
- Leave the area;
- Telephone 911 from a neighbor's house or other location well away from the gas leak;
- Explain the situation;
- Warn others -- *if it is safe to do so* -- against entering the leak area and/or creating ignition sparks.

Recognizing Emergencies Near a Pipeline Right-of-Way:

Remember that pipelines carry both gases and hazardous liquids. Along a right-of-way, you may see dead or discolored vegetation, pooled liquid; or a cloud of vapor or mist. You may smell an unusual odor, or the scent of petroleum or odorized natural gas. And you may hear an unusual hissing or roaring sound.

If you suspect a pipeline leak has occurred:

DO NOT!

- Touch, breathe or make contact with leaking liquids;
- Start an engine of any kind;
- Strike matches or create a flame of any kind;
- Use a telephone or cell phone (these can ignite airborne gases);
- Turn on or off any electrical switches (these also can ignite airborne gases);
- Drive into a leak or vapor cloud area.

DO!

- Make sure gas appliances are turned all the way OFF;
- Leave the area;
- Telephone 911 from a neighbor's house or other location well away from the gas leak;
- Explain the situation;
- Warn others -- *if it is safe to do so* -- against entering the leak area and/or creating ignition sparks.

