

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION
Harrisburg, PA 17105-3265

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 :

PETITION FOR INTERVENTION PURSUANT
TO 52 Pa. CODE CHAPTER 5A

AND NOW, this 25th day of March, 2018, comes Mitch Trembicki, residing at 187 Middletown Road, Glen Mills PA 19342 in Thornbury Township, Delaware County,¹ seeking to intervene as a party in the above-captioned matter and, in support thereof, avers as follows:

(1) On March 7, 2018 the Bureau of Investigation and Enforcement (BIE) of the Pennsylvania Public Utility Commission (Commission) filed a Petition for Issuance of an *Ex Parte* Emergency Order to the above referenced Docket seeking emergency relief against Sunoco Pipeline L.P. (Sunoco) pursuant to 52 Pa. Code 3.1-3.4.

(2) The factual circumstances that underlay the BIE's Petition for Emergency Relief included initial communications by affected landowners including Petitioners herein to which the BIE responded and found a series of sinkholes near properties located on Lisa Drive in West Whiteland Township, Chester County, Pennsylvania.

(3) The sinkholes found by the BIE presented and continue to present a clear, present, significant, imminent danger to the affected property owners including Petitioners herein because they had undermined and are continuing to undermine and leave unsupported and are in the immediate vicinity of a pipeline constructed in the 1930s and recently repurposed by Sunoco to transport highly volatile, potentially explosive natural gas liquids (NGL) from Ohio and western Pennsylvania to the Sunoco export facility now known as the Marcus Hook Industrial Complex located in Pennsylvania and Delaware. This operating pipeline is known and referred to herein as Mariner East 1 (ME1) and was at the time of the sinkhole formation and is (on information and belief) currently transporting these hazardous, highly volatile NGLs.

¹ The residence at 187 Middletown Road, Glen Mills PA 19342 is approximately 180 feet from Mariner East 1.

(4) The hazardous, highly volatile liquid NGLs being transported by ME1, if released to the atmosphere for any reason, change phase to odorless, colorless, heavier-than-air gas which is extremely flammable, potentially explosive, and asphyxiating. These materials therefore, present a clear, imminent and existential hazard to persons that reside, work, or travel in proximity to ME1, including Petitioner herein.

(5) The BIE also found and Petitioner here avers that Sunoco's on-site agents contracted to have large quantities of flowable fill deposited in each of the sinkholes:

(a) without a permit to do so or notifying any jurisdictional regulatory agency,

(b) without consultation with any geologist or expert on sinkhole remediation,

(c) without creating any sinkhole remediation plan,

(d) without studying or mapping surface or ground water flows,

(e) without conducting any studies or testing of the underlying geology by resistivity, seismic investigation, ground penetrating radar or otherwise,

(f) without excavating the sinkhole openings to bedrock,

(g) without pressure grouting any underground voids,

(h) without constructing any plug or bridge to prevent further sinkhole collapse;

(i) without relocating, providing any additional support to or means to prevent strain by weighting, floatation or otherwise either the operating pipeline (ME1) or the two additional pipelines currently being constructed by Sunoco in close proximity within the same easement as ME1 and known and referred to herein as ME2 and ME2X.

(6) Petitioner avers on information and belief that some or all of the listed actions in subparagraphs (a)-(i) of paragraph (5) above were necessary to protect the lives, health, safety, and property of Petitioner.

(7) Petitioner avers on information and belief that the deposition by Sunoco of this flowable fill was not an appropriate method to safely remediate the sinkholes or to protect the ME1, ME2 or ME2X pipelines from further or future damage including catastrophic failure.

(8) Petitioner avers on information and belief that the deposition of this flowable fill by Sunoco was completed in an attempt to camouflage the extent of the sinkhole activity and its relationship to the ME1, ME2 and ME2X pipelines from neighboring property owners, local officials, and regulatory personnel.

(9) As BIE averred in its Petition for *Ex Parte* emergency relief, Sunoco's actions have left the integrity of ME1 "potentially hazardous to life, property, and the environment." Petition for *Ex Parte* Relief at page 1. The lives and property referred to include that of Petitioner herein.

(10) By Order dated and entered on March 7, 2018, the Commission granted BIE's Petition for Emergency *Ex Parte* Relief requiring Sunoco to accomplish, *inter alia*, "at least one in line inspection tool" run through ME1 from one mile to the north to one mile to the south of Lisa Drive; thereafter to suspend hazardous liquid flow while maintaining pressure of 475 to 650 psig in ME1 for a 10-14 day study period, geophysical testing in the ME1 Horizontal Direct Drilling (HDD) area; and to discuss with BIE and Pipeline Safety staff the addition of strain gauges to ME1 "in the study area".

(11) Neither BIE's Petition nor the Emergency Order make any direct reference to further study, proper design and preparation by suitable experts, or implementation of proper sinkhole remediation.

(12) Neither BIE's Petition nor the Emergency Order make any direct reference to the lives, health, safety, or property of neighboring property owners including Petitioner herein during the study period as it may be extended or thereafter in the event that ME1 operation and/or ME2 and ME2X construction and operation continue without proper sinkhole remediation.

(13) No provision has been made to protect Petitioner's life, health, safety, or property during the operation of ME1 or the construction and operation of ME2 or ME2X now being constructed without pause in the same geologically unstable area as caused the emergency situation with ME1.

(14) Petitioner is eligible to intervene in this matter pursuant to 52 Pa. Code 5.72 because, *inter alia*:

- (a) Petitioner is asserting rights guaranteed by the United States and Commonwealth of Pennsylvania Constitutions including without limitation the rights to due process before the deprivation of life, liberty, or property protected by the Takings Clause of the Fifth Amendment applicable to the states by force of the Fourteenth Amendment of the United States Constitution; the right to enjoy and defend life, liberty, and property protected by Article I, Section 1 of the Constitution of the Commonwealth of Pennsylvania, and the right of the people under the

Environmental Rights Amendment of Article I, Section 27 of the Constitution of the Commonwealth of Pennsylvania;

- (b) Petitioner is asserting interests which may be directly affected by this matter but which are not adequately presented by existing participants including but not limited to the interests recited in paragraphs (6) through (9) above; subsection (a) of this paragraph, and the interests described in paragraphs (11) through (13) of this Petition; and
- (c) It is in the interest of the public that Petitioner participates by intervention in this matter to ensure that the parties do not, by agreement or otherwise, limit or fail to undertake or to require and inspect in a workmanlike, good faith manner any of the protective actions required by the Emergency Order or discovered during the study period to be necessary to protect the public including Petitioners herein or to fail to address by adequate means the concerns described by reference in the preceding subsection (b) of this paragraph.

Public Safety Concerns

- (15) Between 2006-2018, Sunoco reported to the federal government that it experienced 295 hazardous liquids pipeline leaks (*see* Attachment C).
- (16) On information and belief, Sunoco has demonstrated an inability to reliably detect leaks in its pipeline systems. For example: Sweetwater TX, 2016 (12 days between initial control room indications that a leak was underway and its confirmation); Tincum, PA, 2000; Edgmont Township, PA, 1988, 1992 and 2015; Morgantown, PA, 2017 (third leak of highly volatile liquids from ME1 in less than one year).
- (17) On information and belief, Sunoco itself is unable to guarantee that ME1 will not experience additional leaks.
- (18) On information and belief, PUC is unable to guarantee that ME1 will not experience further leaks.
- (19) On information and belief, Sunoco itself acknowledges that even small leaks of NGLs can have very serious consequences.
- (20) On information and belief, if further leaks occur on ME1, it is possible that substantially the entire contents of the segment between block valves will volatilize and become released to the atmosphere, even if the block valves were to close instantly.
- (21) On information and belief, Sunoco has in fact reported to PHMSA three separate leaks of NGLs from ME1 during 2016-2017. One of these leaks involved a

failure of the pipeline itself, while two occurred on new, above ground equipment. Sunoco failed to detect that one of these leaks was occurring, and all of them occurred in high consequence areas.

(22) NGLs, if released to the atmosphere, volatilize to gas which is colorless, odorless, heavier than air, and extremely flammable.

(23) Past delayed-ignition accidents involving highly volatile liquids have caused fatalities, injuries and property damage over large areas. See NTSB accident reports for Franklin County, MO; Puerto Rico, San Juan; Brenham, TX; Blenheim, NY.

(24) Despite making numerous requests over a period of years for a credible notification system and evacuation guidance, neither Thornbury Township nor area residents have been provided either. The guidance provided (on-foot self-evacuation in the correct upwind or uphill direction) is not credibly possible for many residents in proximity to ME1, particularly at night or during inclement weather.

(25) In the event that the Commission grants the instant Petition to Intervene, Petitioner intends to support the actions of BIE and the PHMSA Office of Pipeline Safety to ensure that the protections described in the Emergency Order of March 7, 2018 are implemented fully and in good faith; assert and defend the interests described in paragraph (14) above and further support the interests of the neighbors and the affected public including stakeholders (such as elementary schools) in high consequence areas (HCA) along the route of ME1, and proposed route of ME2 and ME2X in the proper resolution and remediation of the public hazards made the subject of BIE's Emergency Petition for *Ex Parte* Relief and the Commission's responsive Emergency Order dated March 7, 2018.

NOW, THEREFORE, on the basis of the averments set forth above the Petitioner respectfully requests the Commission enter an Order granting the instant Petition for Intervention pursuant to 52 Pa. Code 5.75; order the production of a publicly available plan for the notification and self-evacuation of the public as described in the letter from Thornbury Township, Delaware County to Sunoco dated August 29, 2016 (*see* Exhibit A) and Thornbury Township Proclamation of Concern dated September 21, 2016 (*see* Exhibit B); and any related relief the Commission deems appropriate.

Respectfully submitted,

Mitch Trembicki

Mitch TREMBICKI

VERIFICATION

I, Mitch TREMBICKI, Petitioner herein, hereby state that the facts averred in this Petition for Intervention are true and correct to the best of my knowledge, information, and belief. I understand that the statements herein are made subject to the penalties of 18 Pa. C.S. 4904 relating to unsworn falsification to authorities.

3-25-18

Date

Mitch Trembicki

Mitch TREMBICKI

Pennsylvania Public Utility Commission	:	
In re: Sunoco Pipeline L.P. a/k/a	:	
Energy Transfer Partners	:	
	:	Docket No. P-2018-3000281
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And Enforcement of the Pennsylvania	:	
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Issuance of an <i>Ex Parte</i> Emergency	:	
Order	:	
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Petitioner	:	
	:	
v.	:	
	:	
Sunoco Pipeline L.P. a/k/a/ Energy	:	
Transfer Partners,	:	
	:	
Respondent	:	

**CERTIFICATE OF SERVICE OF
PETITION TO INTERVENE**

I, Mitch Trembicki, hereby certify that I have on March 26, 2018 filed and served a true and correct copy of the foregoing Petition to Intervene upon the Commission and the parties listed below at the addresses set forth below in accordance with the requirements of 52 Pa. Code 1.54.

Filing of Original Process (via e-filing):

Rosemary Chiavetta, Secretary
 Pennsylvania Public Utility Commission
 P.O. Box 3265
 Harrisburg PA 17105-3265

Service by First Class Mail:

Paul Metro
 Fixed Utility Valuation Manager,
 Bureau of Investigation and Enforcement
 Safety Division; and

Michael L. Swindler, Esquire
 Deputy Chief Prosecutor
 Pennsylvania Public Utility Commission
 P.O. Box 3265
 Harrisburg PA 17105-3265

Curtis Stambaugh, Esquire
Assistant General Counsel
Sunoco Logistics Partners L.P.
212 3rd Street, Suite 201
Harrisburg PA 17101

Nels Taber, Esquire
Senior Litigation Counsel
Department of Environmental Protection
Office of Chief Counsel
400 Market Street, 9th Floor
Harrisburg PA 17101

Robert Burroughs
PHMSA Eastern Region
820 Bear Tavern Road, Suite 103
West Trenton NJ 08628

Office of the Consumer Advocate
555 Walnut Street
5th Floor, Forum Place
Harrisburg PA 17101-1923

EXHIBIT A



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



EXHIBIT B

**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

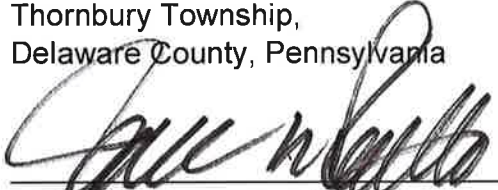
Essential to the powers of the Township, are the police powers granted by the Second Class Township Code and the power to regulate the uses and development of land by the Pennsylvania Municipalities Planning Code. Exemptions given to public utilities under each of these enabling bodies of law severely 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)



EXHIBIT C

Operator Information

Incident and Mileage Data

SUNOCO PIPELINE L.P.

(Operator ID:18718 - CURRENTLY ACTIVE OPID)

[Main Operator Report Page](#) - [Incidents and Mileage](#) - [Federal Inspection and Enforcement Data](#) - [More Pipeline Operators](#)

The reports below provide mileage data based on this operator's latest submissions to PHMSA, as well as their incident data since 2006.

The data sources for the mileages in this report are the Annual Report for Gas Distribution, Gas Transmission and Hazardous Liquid ⁽¹⁾ mileages. All mileages are for in-service pipelines and reflect data submitted to PHMSA by this operator.

The data sources for the incidents in this report are the PHMSA Flagged Incident Files⁽²⁾. Where appropriate, the table columns can be sorted by clicking the corresponding column header.

Pipeline Mileage Overview																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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<p>Serious Incidents are denoted in red.</p> <p>SUNOCO PIPELINE L.P. All Incidents⁽²⁾: 2006-2018</p> <table border="1"> <thead> <tr> <th>Date</th> <th>System</th> <th>City</th> <th>State</th> <th>County</th> <th>Cause</th> <th>Sub Cause</th> <th>Fatalities</th> <th>Injuries</th> <th>Property Damage ^(A)</th> <th>Gross Barrels Spilled (Haz Liq) ^(B)</th> <th>Net Barrels Lost (Haz Liq) ^{(B)(C)}</th> <th>Value of Product Lost ^(D)</th> </tr> </thead> <tbody> <tr><td>01/15/18</td><td>HL</td><td>SINKING SPRING</td><td>PA</td><td>BERKS</td><td>NATURAL FORCE DAMAGE</td><td>TEMPERATURE</td><td>0</td><td>0</td><td>\$2,350</td><td>2</td><td>0</td><td>\$250</td></tr> <tr><td>12/27/17</td><td>HL</td><td>WILLARD</td><td>OH</td><td>HURON</td><td>MATERIAL/WELD/EQUIP FAILURE</td><td>PUMP OR PUMP-RELATED EQUIPMENT</td><td>0</td><td>0</td><td>\$3,185</td><td>0</td><td>0</td><td>\$35</td></tr> <tr><td>12/01/17</td><td>HL</td><td>ST. CLAIR</td><td>MI</td><td>ST. CLAIR</td><td>MATERIAL/WELD/EQUIP FAILURE</td><td>PUMP OR PUMP-RELATED EQUIPMENT</td><td>0</td><td>0</td><td>\$45,877</td><td>1</td><td>0</td><td>\$27</td></tr> <tr><td>11/13/17</td><td>HL</td><td>CUSHING</td><td>OK</td><td>PAYNE</td><td>MATERIAL/WELD/EQUIP FAILURE</td><td>THREADED CONNECTION/COUPLING FAILURE</td><td>0</td><td>0</td><td>\$10,799</td><td>15</td><td>0</td><td>\$799</td></tr> <tr><td>10/24/17</td><td>HL</td><td>LONGVIEW</td><td>TX</td><td>GREGG</td><td>CORROSION</td><td>INTERNAL</td><td>0</td><td>0</td><td>\$91,120</td><td>20</td><td>0</td><td>\$1,120</td></tr> <tr><td>09/22/17</td><td>HL</td><td>HEARNE</td><td>TX</td><td>ROBERTSON</td><td>INCORRECT OPERATION</td><td>OVERFILL/OVERFLOW OF TANK/VESSEL/SUMP</td><td>0</td><td>0</td><td>\$512</td><td>0</td><td>0</td><td>\$12</td></tr> <tr><td>09/14/17</td><td>HL</td><td>ANDREWS</td><td>TX</td><td>ANDREWS</td><td>MATERIAL/WELD/EQUIP FAILURE</td><td>MALFUNCTION OF CONTROL/RELIEF EQUIPMENT</td><td>0</td><td>0</td><td>\$545</td><td>1</td><td>0</td><td>\$45</td></tr> <tr><td>08/08/17</td><td>HL</td><td>BROWNWOOD</td><td>TX</td><td>BROWN COUNTY</td><td>CORROSION</td><td>EXTERNAL</td><td>0</td><td>0</td><td>\$31,023</td><td>0</td><td>0</td><td>\$23</td></tr> <tr><td>07/31/17</td><td>HL</td><td>POLLAK</td><td>TX</td><td>ANGELINA</td><td>OTHER OUTSIDE FORCE DAMAGE</td><td>VEHICLE NOT ENGAGED IN EXCAVATION</td><td>0</td><td>0</td><td>\$74,766</td><td>600</td><td>100</td><td>\$4,766</td></tr> <tr><td>05/16/17</td><td>HL</td><td>BARNSDALL</td><td>OK</td><td>OSAGE</td><td>EXCAVATION DAMAGE</td><td>THIRD PARTY EXCAVATION DAMAGE</td><td>0</td><td>0</td><td>\$430,000</td><td>110</td><td>5</td><td>\$5,000</td></tr> <tr><td>04/01/17</td><td>HL</td><td>MORGANTOWN</td><td>PA</td><td>BERKS</td><td>CORROSION</td><td>EXTERNAL</td><td>0</td><td>0</td><td>\$338,166</td><td>20</td><td>20</td><td>\$205</td></tr> <tr><td>03/27/17</td><td>HL</td><td>ROSEDALE</td><td>OK</td><td>MCCLAIN</td><td>EXCAVATION DAMAGE</td><td>THIRD PARTY EXCAVATION DAMAGE</td><td>0</td><td>0</td><td>\$73,657</td><td>37</td><td>5</td><td>\$221</td></tr> <tr><td>02/01/17</td><td>HL</td><td>CORSICANA</td><td>TX</td><td>NAVARRO</td><td>CORROSION</td><td>EXTERNAL</td><td>0</td><td>0</td><td>\$45,151</td><td>3</td><td>3</td><td>\$151</td></tr> <tr><td>01/26/17</td><td>HL</td><td>LIBERTY</td><td>TX</td><td>LIBERTY</td><td>CORROSION</td><td>INTERNAL</td><td>0</td><td>0</td><td>\$10,025</td><td>0</td><td>0</td><td>\$25</td></tr> <tr><td>01/13/17</td><td>HL</td><td>ASTON</td><td>PA</td><td>DELAWARE</td><td>MATERIAL/WELD/EQUIP FAILURE</td><td>THREADED CONNECTION/COUPLING FAILURE</td><td>0</td><td>0</td><td>\$39,846</td><td>16</td><td>0</td><td>\$1,546</td></tr> <tr><td>01/10/17</td><td>HL</td><td>SHARON HILL</td><td>PA</td><td>DELAWARE</td><td>CORROSION</td><td>INTERNAL</td><td>0</td><td>0</td><td>\$23,875</td><td>1</td><td>0</td><td>\$0</td></tr> <tr><td>12/20/16</td><td>HL</td><td>YALE</td><td>OK</td><td>CREEK</td><td>MATERIAL/WELD/EQUIP FAILURE</td><td>MANUFACTURING-RELATED</td><td>0</td><td>0</td><td>\$18,750</td><td>75</td><td>0</td><td>\$3,750</td></tr> <tr><td>12/19/16</td><td>HL</td><td>YALE</td><td>OK</td><td>CREEK</td><td>MATERIAL/WELD/EQUIP FAILURE</td><td>MANUFACTURING-RELATED</td><td>0</td><td>0</td><td>\$15,243</td><td>5</td><td>0</td><td>\$243</td></tr> <tr><td>12/06/16</td><td>HL</td><td>STOWELL</td><td>TX</td><td>CHAMBERS</td><td>INCORRECT OPERATION</td><td>PIPELINE/EQUIPMENT OVERPRESSURED</td><td>0</td><td>0</td><td>\$212</td><td>0</td><td>0</td><td>\$12</td></tr> <tr><td>10/29/16</td><td>HL</td><td>CORSICANA</td><td>TX</td><td>NAVARRO</td><td>CORROSION</td><td>INTERNAL</td><td>0</td><td>0</td><td>\$2,017</td><td>0</td><td>0</td><td>\$17</td></tr> <tr><td>10/21/16</td><td>HL</td><td>GAMBLE TOWNSHIP</td><td>PA</td><td>LYCOMING</td><td>OTHER OUTSIDE FORCE DAMAGE</td><td>OTHER OUTSIDE FORCE DAMAGE</td><td>0</td><td>0</td><td>\$2,562,426</td><td>1,238</td><td>1,238</td><td>\$85,722</td></tr> <tr><td>09/22/16</td><td>HL</td><td>GOODRICH</td><td>TX</td><td>POLK</td><td>MATERIAL/WELD/EQUIP FAILURE</td><td>NON-THREADED CONNECTION FAILURE</td><td>0</td><td>0</td><td>\$19,000</td><td>0</td><td>0</td><td>\$0</td></tr> <tr><td>09/07/16</td><td>HL</td><td>SOUR LAKE</td><td>TX</td><td>HARDIN</td><td>INCORRECT OPERATION</td><td>INCORRECT VALVE POSITION</td><td>0</td><td>0</td><td>\$5,260</td><td>3</td><td>0</td><td>\$60</td></tr> <tr><td>08/29/16</td><td>HL</td><td>SWEETWATER</td><td>TX</td><td>NOLAN</td><td>CORROSION</td><td>EXTERNAL</td><td>0</td><td>0</td><td>\$4,017,900</td><td>8,600</td><td>6,600</td><td>\$354,900</td></tr> <tr><td>08/16/16</td><td>HL</td><td>ALLEGHENY TOWNSHIP</td><td>PA</td><td>BLAIR</td><td>MATERIAL/WELD/EQUIP FAILURE</td><td>NON-THREADED CONNECTION FAILURE</td><td>0</td><td>0</td><td>\$14,450</td><td>5</td><td>5</td><td>\$150</td></tr> <tr><td>08/05/16</td><td>HL</td><td>CORSICANA</td><td>TX</td><td>NAVARRO</td><td>MATERIAL/WELD/EQUIP FAILURE</td><td>MALFUNCTION OF CONTROL/RELIEF EQUIPMENT</td><td>0</td><td>0</td><td>\$1,114</td><td>0</td><td>0</td><td>\$14</td></tr> <tr><td>07/26/16</td><td>HL</td><td>TULSA</td><td>OK</td><td>TULSA</td><td>ALL OTHER CAUSES</td><td>UNKNOWN</td><td>0</td><td>0</td><td>\$0</td><td>0</td><td>0</td><td>\$0</td></tr> <tr><td>07/25/16</td><td>HL</td><td>CORSICANA</td><td>TX</td><td>NAVARRO</td><td>CORROSION</td><td>INTERNAL</td><td>0</td><td>0</td><td>\$773,395</td><td>50</td><td>10</td><td>\$395</td></tr> <tr><td>07/20/16</td><td>HL</td><td>NEW LONDON</td><td>TX</td><td>RUSK</td><td>CORROSION</td><td>EXTERNAL</td><td>0</td><td>0</td><td>\$11,024</td><td>0</td><td>0</td><td>\$24</td></tr> <tr><td>07/05/16</td><td>HL</td><td>NOME</td><td>TX</td><td>JEFFERSON</td><td>MATERIAL/WELD/EQUIP FAILURE</td><td>THREADED CONNECTION/COUPLING FAILURE</td><td>0</td><td>0</td><td>\$1,030</td><td>0</td><td>0</td><td>\$30</td></tr> <tr><td>06/13/16</td><td>HL</td><td>WINNIE</td><td>TX</td><td>CHAMBERS</td><td>CORROSION</td><td>INTERNAL</td><td>0</td><td>0</td><td>\$30,500</td><td>0</td><td>0</td><td>\$0</td></tr> <tr><td>06/06/16</td><td>HL</td><td>CORSICANA</td><td>TX</td><td>NAVARRO</td><td>CORROSION</td><td>EXTERNAL</td><td>0</td><td>0</td><td>\$49,546</td><td>1</td><td>1</td><td>\$46</td></tr> <tr><td>05/27/16</td><td>HL</td><td>ASTON</td><td>PA</td><td>DELAWARE</td><td>MATERIAL/WELD/EQUIP FAILURE</td><td>NON-THREADED CONNECTION FAILURE</td><td>0</td><td>0</td><td>\$7,743</td><td>9</td><td>9</td><td>\$123</td></tr> <tr><td>03/03/16</td><td>HL</td><td>CENTER</td><td>TX</td><td>SHELBY</td><td>MATERIAL/WELD/EQUIP FAILURE</td><td>NON-THREADED CONNECTION FAILURE</td><td>0</td><td>0</td><td>\$7,230</td><td>0</td><td>0</td><td>\$30</td></tr> <tr><td>02/14/16</td><td>HL</td><td>CORSICANA</td><td>TX</td><td>NAVARRO</td><td>CORROSION</td><td>INTERNAL</td><td>0</td><td>0</td><td>\$47,020</td><td>195</td><td>20</td><td>\$520</td></tr> <tr><td>02/11/16</td><td>HL</td><td>CHILDRESS</td><td>TX</td><td>CHILDRESS</td><td>CORROSION</td><td>EXTERNAL</td><td>0</td><td>0</td><td>\$368,240</td><td>20</td><td>15</td><td>\$341</td></tr> <tr><td>02/03/16</td><td>HL</td><td>CORSICANA</td><td>TX</td><td>NAVARRO</td><td>CORROSION</td><td>INTERNAL</td><td>0</td><td>0</td><td>\$42,451</td><td>4</td><td>3</td><td>\$101</td></tr> <tr><td>01/20/16</td><td>HL</td><td>WESTVILLE</td><td>NJ</td><td>GLOUCESTER</td><td>NATURAL FORCE DAMAGE</td><td>TEMPERATURE</td><td>0</td><td>0</td><td>\$13,616</td><td>1</td><td>0</td><td>\$116</td></tr> <tr><td>11/18/15</td><td>HL</td><td>ALVORD</td><td>TX</td><td>WISE</td><td>CORROSION</td><td>INTERNAL</td><td>0</td><td>0</td><td>\$44,884</td><td>2</td><td>1</td><td>\$84</td></tr> <tr><td>11/18/15</td><td>HL</td><td>RANGER</td><td>TX</td><td>EASTLAND</td><td>MATERIAL/WELD/EQUIP FAILURE</td><td>NON-THREADED CONNECTION FAILURE</td><td>0</td><td>0</td><td>\$12,075</td><td>2</td><td>2</td><td>\$75</td></tr> <tr><td>11/11/15</td><td>HL</td><td>TYE</td><td>TX</td><td>TAYLOR</td><td>MATERIAL/WELD/EQUIP FAILURE</td><td>OTHER EQUIPMENT FAILURE</td><td>0</td><td>0</td><td>\$6,200</td><td>30</td><td>5</td><td>\$200</td></tr> </tbody> </table>													Date	System	City	State	County	Cause	Sub Cause	Fatalities	Injuries	Property Damage ^(A)	Gross Barrels Spilled (Haz Liq) ^(B)	Net Barrels Lost (Haz Liq) ^{(B)(C)}	Value of Product Lost ^(D)	01/15/18	HL	SINKING SPRING	PA	BERKS	NATURAL FORCE DAMAGE	TEMPERATURE	0	0	\$2,350	2	0	\$250	12/27/17	HL	WILLARD	OH	HURON	MATERIAL/WELD/EQUIP FAILURE	PUMP OR PUMP-RELATED EQUIPMENT	0	0	\$3,185	0	0	\$35	12/01/17	HL	ST. CLAIR	MI	ST. CLAIR	MATERIAL/WELD/EQUIP FAILURE	PUMP OR PUMP-RELATED EQUIPMENT	0	0	\$45,877	1	0	\$27	11/13/17	HL	CUSHING	OK	PAYNE	MATERIAL/WELD/EQUIP FAILURE	THREADED CONNECTION/COUPLING FAILURE	0	0	\$10,799	15	0	\$799	10/24/17	HL	LONGVIEW	TX	GREGG	CORROSION	INTERNAL	0	0	\$91,120	20	0	\$1,120	09/22/17	HL	HEARNE	TX	ROBERTSON	INCORRECT OPERATION	OVERFILL/OVERFLOW OF TANK/VESSEL/SUMP	0	0	\$512	0	0	\$12	09/14/17	HL	ANDREWS	TX	ANDREWS	MATERIAL/WELD/EQUIP FAILURE	MALFUNCTION OF CONTROL/RELIEF EQUIPMENT	0	0	\$545	1	0	\$45	08/08/17	HL	BROWNWOOD	TX	BROWN COUNTY	CORROSION	EXTERNAL	0	0	\$31,023	0	0	\$23	07/31/17	HL	POLLAK	TX	ANGELINA	OTHER OUTSIDE FORCE DAMAGE	VEHICLE NOT ENGAGED IN EXCAVATION	0	0	\$74,766	600	100	\$4,766	05/16/17	HL	BARNSDALL	OK	OSAGE	EXCAVATION DAMAGE	THIRD PARTY EXCAVATION DAMAGE	0	0	\$430,000	110	5	\$5,000	04/01/17	HL	MORGANTOWN	PA	BERKS	CORROSION	EXTERNAL	0	0	\$338,166	20	20	\$205	03/27/17	HL	ROSEDALE	OK	MCCLAIN	EXCAVATION DAMAGE	THIRD PARTY EXCAVATION DAMAGE	0	0	\$73,657	37	5	\$221	02/01/17	HL	CORSICANA	TX	NAVARRO	CORROSION	EXTERNAL	0	0	\$45,151	3	3	\$151	01/26/17	HL	LIBERTY	TX	LIBERTY	CORROSION	INTERNAL	0	0	\$10,025	0	0	\$25	01/13/17	HL	ASTON	PA	DELAWARE	MATERIAL/WELD/EQUIP FAILURE	THREADED CONNECTION/COUPLING FAILURE	0	0	\$39,846	16	0	\$1,546	01/10/17	HL	SHARON HILL	PA	DELAWARE	CORROSION	INTERNAL	0	0	\$23,875	1	0	\$0	12/20/16	HL	YALE	OK	CREEK	MATERIAL/WELD/EQUIP FAILURE	MANUFACTURING-RELATED	0	0	\$18,750	75	0	\$3,750	12/19/16	HL	YALE	OK	CREEK	MATERIAL/WELD/EQUIP FAILURE	MANUFACTURING-RELATED	0	0	\$15,243	5	0	\$243	12/06/16	HL	STOWELL	TX	CHAMBERS	INCORRECT OPERATION	PIPELINE/EQUIPMENT OVERPRESSURED	0	0	\$212	0	0	\$12	10/29/16	HL	CORSICANA	TX	NAVARRO	CORROSION	INTERNAL	0	0	\$2,017	0	0	\$17	10/21/16	HL	GAMBLE TOWNSHIP	PA	LYCOMING	OTHER OUTSIDE FORCE DAMAGE	OTHER OUTSIDE FORCE DAMAGE	0	0	\$2,562,426	1,238	1,238	\$85,722	09/22/16	HL	GOODRICH	TX	POLK	MATERIAL/WELD/EQUIP FAILURE	NON-THREADED CONNECTION FAILURE	0	0	\$19,000	0	0	\$0	09/07/16	HL	SOUR LAKE	TX	HARDIN	INCORRECT OPERATION	INCORRECT VALVE POSITION	0	0	\$5,260	3	0	\$60	08/29/16	HL	SWEETWATER	TX	NOLAN	CORROSION	EXTERNAL	0	0	\$4,017,900	8,600	6,600	\$354,900	08/16/16	HL	ALLEGHENY TOWNSHIP	PA	BLAIR	MATERIAL/WELD/EQUIP FAILURE	NON-THREADED CONNECTION FAILURE	0	0	\$14,450	5	5	\$150	08/05/16	HL	CORSICANA	TX	NAVARRO	MATERIAL/WELD/EQUIP FAILURE	MALFUNCTION OF CONTROL/RELIEF EQUIPMENT	0	0	\$1,114	0	0	\$14	07/26/16	HL	TULSA	OK	TULSA	ALL OTHER CAUSES	UNKNOWN	0	0	\$0	0	0	\$0	07/25/16	HL	CORSICANA	TX	NAVARRO	CORROSION	INTERNAL	0	0	\$773,395	50	10	\$395	07/20/16	HL	NEW LONDON	TX	RUSK	CORROSION	EXTERNAL	0	0	\$11,024	0	0	\$24	07/05/16	HL	NOME	TX	JEFFERSON	MATERIAL/WELD/EQUIP FAILURE	THREADED CONNECTION/COUPLING FAILURE	0	0	\$1,030	0	0	\$30	06/13/16	HL	WINNIE	TX	CHAMBERS	CORROSION	INTERNAL	0	0	\$30,500	0	0	\$0	06/06/16	HL	CORSICANA	TX	NAVARRO	CORROSION	EXTERNAL	0	0	\$49,546	1	1	\$46	05/27/16	HL	ASTON	PA	DELAWARE	MATERIAL/WELD/EQUIP FAILURE	NON-THREADED CONNECTION FAILURE	0	0	\$7,743	9	9	\$123	03/03/16	HL	CENTER	TX	SHELBY	MATERIAL/WELD/EQUIP FAILURE	NON-THREADED CONNECTION FAILURE	0	0	\$7,230	0	0	\$30	02/14/16	HL	CORSICANA	TX	NAVARRO	CORROSION	INTERNAL	0	0	\$47,020	195	20	\$520	02/11/16	HL	CHILDRESS	TX	CHILDRESS	CORROSION	EXTERNAL	0	0	\$368,240	20	15	\$341	02/03/16	HL	CORSICANA	TX	NAVARRO	CORROSION	INTERNAL	0	0	\$42,451	4	3	\$101	01/20/16	HL	WESTVILLE	NJ	GLOUCESTER	NATURAL FORCE DAMAGE	TEMPERATURE	0	0	\$13,616	1	0	\$116	11/18/15	HL	ALVORD	TX	WISE	CORROSION	INTERNAL	0	0	\$44,884	2	1	\$84	11/18/15	HL	RANGER	TX	EASTLAND	MATERIAL/WELD/EQUIP FAILURE	NON-THREADED CONNECTION FAILURE	0	0	\$12,075	2	2	\$75	11/11/15	HL	TYE	TX	TAYLOR	MATERIAL/WELD/EQUIP FAILURE	OTHER EQUIPMENT FAILURE	0	0	\$6,200	30	5	\$200
Date	System	City	State	County	Cause	Sub Cause	Fatalities	Injuries	Property Damage ^(A)	Gross Barrels Spilled (Haz Liq) ^(B)	Net Barrels Lost (Haz Liq) ^{(B)(C)}	Value of Product Lost ^(D)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
01/15/18	HL	SINKING SPRING	PA	BERKS	NATURAL FORCE DAMAGE	TEMPERATURE	0	0	\$2,350	2	0	\$250																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
12/27/17	HL	WILLARD	OH	HURON	MATERIAL/WELD/EQUIP FAILURE	PUMP OR PUMP-RELATED EQUIPMENT	0	0	\$3,185	0	0	\$35																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
12/01/17	HL	ST. CLAIR	MI	ST. CLAIR	MATERIAL/WELD/EQUIP FAILURE	PUMP OR PUMP-RELATED EQUIPMENT	0	0	\$45,877	1	0	\$27																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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10/24/17	HL	LONGVIEW	TX	GREGG	CORROSION	INTERNAL	0	0	\$91,120	20	0	\$1,120																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
09/22/17	HL	HEARNE	TX	ROBERTSON	INCORRECT OPERATION	OVERFILL/OVERFLOW OF TANK/VESSEL/SUMP	0	0	\$512	0	0	\$12																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
09/14/17	HL	ANDREWS	TX	ANDREWS	MATERIAL/WELD/EQUIP FAILURE	MALFUNCTION OF CONTROL/RELIEF EQUIPMENT	0	0	\$545	1	0	\$45																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
08/08/17	HL	BROWNWOOD	TX	BROWN COUNTY	CORROSION	EXTERNAL	0	0	\$31,023	0	0	\$23																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
07/31/17	HL	POLLAK	TX	ANGELINA	OTHER OUTSIDE FORCE DAMAGE	VEHICLE NOT ENGAGED IN EXCAVATION	0	0	\$74,766	600	100	\$4,766																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
05/16/17	HL	BARNSDALL	OK	OSAGE	EXCAVATION DAMAGE	THIRD PARTY EXCAVATION DAMAGE	0	0	\$430,000	110	5	\$5,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
04/01/17	HL	MORGANTOWN	PA	BERKS	CORROSION	EXTERNAL	0	0	\$338,166	20	20	\$205																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
03/27/17	HL	ROSEDALE	OK	MCCLAIN	EXCAVATION DAMAGE	THIRD PARTY EXCAVATION DAMAGE	0	0	\$73,657	37	5	\$221																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
02/01/17	HL	CORSICANA	TX	NAVARRO	CORROSION	EXTERNAL	0	0	\$45,151	3	3	\$151																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
01/26/17	HL	LIBERTY	TX	LIBERTY	CORROSION	INTERNAL	0	0	\$10,025	0	0	\$25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
01/13/17	HL	ASTON	PA	DELAWARE	MATERIAL/WELD/EQUIP FAILURE	THREADED CONNECTION/COUPLING FAILURE	0	0	\$39,846	16	0	\$1,546																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
01/10/17	HL	SHARON HILL	PA	DELAWARE	CORROSION	INTERNAL	0	0	\$23,875	1	0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
12/20/16	HL	YALE	OK	CREEK	MATERIAL/WELD/EQUIP FAILURE	MANUFACTURING-RELATED	0	0	\$18,750	75	0	\$3,750																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
12/19/16	HL	YALE	OK	CREEK	MATERIAL/WELD/EQUIP FAILURE	MANUFACTURING-RELATED	0	0	\$15,243	5	0	\$243																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
12/06/16	HL	STOWELL	TX	CHAMBERS	INCORRECT OPERATION	PIPELINE/EQUIPMENT OVERPRESSURED	0	0	\$212	0	0	\$12																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
10/29/16	HL	CORSICANA	TX	NAVARRO	CORROSION	INTERNAL	0	0	\$2,017	0	0	\$17																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
10/21/16	HL	GAMBLE TOWNSHIP	PA	LYCOMING	OTHER OUTSIDE FORCE DAMAGE	OTHER OUTSIDE FORCE DAMAGE	0	0	\$2,562,426	1,238	1,238	\$85,722																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
09/22/16	HL	GOODRICH	TX	POLK	MATERIAL/WELD/EQUIP FAILURE	NON-THREADED CONNECTION FAILURE	0	0	\$19,000	0	0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
09/07/16	HL	SOUR LAKE	TX	HARDIN	INCORRECT OPERATION	INCORRECT VALVE POSITION	0	0	\$5,260	3	0	\$60																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
08/29/16	HL	SWEETWATER	TX	NOLAN	CORROSION	EXTERNAL	0	0	\$4,017,900	8,600	6,600	\$354,900																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
08/16/16	HL	ALLEGHENY TOWNSHIP	PA	BLAIR	MATERIAL/WELD/EQUIP FAILURE	NON-THREADED CONNECTION FAILURE	0	0	\$14,450	5	5	\$150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
08/05/16	HL	CORSICANA	TX	NAVARRO	MATERIAL/WELD/EQUIP FAILURE	MALFUNCTION OF CONTROL/RELIEF EQUIPMENT	0	0	\$1,114	0	0	\$14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
07/26/16	HL	TULSA	OK	TULSA	ALL OTHER CAUSES	UNKNOWN	0	0	\$0	0	0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
07/25/16	HL	CORSICANA	TX	NAVARRO	CORROSION	INTERNAL	0	0	\$773,395	50	10	\$395																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
07/20/16	HL	NEW LONDON	TX	RUSK	CORROSION	EXTERNAL	0	0	\$11,024	0	0	\$24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
07/05/16	HL	NOME	TX	JEFFERSON	MATERIAL/WELD/EQUIP FAILURE	THREADED CONNECTION/COUPLING FAILURE	0	0	\$1,030	0	0	\$30																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
06/13/16	HL	WINNIE	TX	CHAMBERS	CORROSION	INTERNAL	0	0	\$30,500	0	0	\$0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
06/06/16	HL	CORSICANA	TX	NAVARRO	CORROSION	EXTERNAL	0	0	\$49,546	1	1	\$46																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
05/27/16	HL	ASTON	PA	DELAWARE	MATERIAL/WELD/EQUIP FAILURE	NON-THREADED CONNECTION FAILURE	0	0	\$7,743	9	9	\$123																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
03/03/16	HL	CENTER	TX	SHELBY	MATERIAL/WELD/EQUIP FAILURE	NON-THREADED CONNECTION FAILURE	0	0	\$7,230	0	0	\$30																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
02/14/16	HL	CORSICANA	TX	NAVARRO	CORROSION	INTERNAL	0	0	\$47,020	195	20	\$520																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
02/11/16	HL	CHILDRESS	TX	CHILDRESS	CORROSION	EXTERNAL	0	0	\$368,240	20	15	\$341																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
02/03/16	HL	CORSICANA	TX	NAVARRO	CORROSION	INTERNAL	0	0	\$42,451	4	3	\$101																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
01/20/16	HL	WESTVILLE	NJ	GLOUCESTER	NATURAL FORCE DAMAGE	TEMPERATURE	0	0	\$13,616	1	0	\$116																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
11/18/15	HL	ALVORD	TX	WISE	CORROSION	INTERNAL	0	0	\$44,884	2	1	\$84																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
11/18/15	HL	RANGER	TX	EASTLAND	MATERIAL/WELD/EQUIP FAILURE	NON-THREADED CONNECTION FAILURE	0	0	\$12,075	2	2	\$75																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
11/11/15	HL	TYE	TX	TAYLOR	MATERIAL/WELD/EQUIP FAILURE	OTHER EQUIPMENT FAILURE	0	0	\$6,200	30	5	\$200																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

Date	System	City	State	County	Cause	Sub Cause	Fatalities	Injuries	Property Damage (A)	Gross Barrels Spilled (Haz Lig) (B)	Net Barrels Lost (Haz Lig) (B)(C)	Value of Product Lost (D)
10/28/15	HL	NOME	TX	JEFFERSON	CORROSION	INTERNAL	0	0	\$274,836	5	3	\$128
10/27/15	HL	NOME	TX	JEFFERSON	CORROSION	INTERNAL	0	0	\$3,000	0	0	\$0
10/15/15	HL	GOODRICH	TX	POLK	CORROSION	INTERNAL	0	0	\$123,584	10	10	\$428
10/13/15	HL	HONEYBROOK	PA	CHESTER	INCORRECT OPERATION	INCORRECT VALVE POSITION	0	0	\$47,892	215	0	\$4,892
10/13/15	HL	DIBOLL	TX	ANGELINA	EXCAVATION DAMAGE	OPERATOR/CONTRACTOR EXCAVATION DAMAGE	0	0	\$5,026	0	0	\$26
09/22/15	HL	RANGER	TX	EASTLAND	MATERIAL/WELD/EQUIP FAILURE	NON-THREADED CONNECTION FAILURE	0	0	\$3,585	2	2	\$85
09/03/15	HL	BEAUMONT	TX	JEFFERSON	OTHER OUTSIDE FORCE DAMAGE	VEHICLE NOT ENGAGED IN EXCAVATION	0	0	\$150,001	0	0	\$1
09/01/15	HL	CORSICANA	TX	NAVARRO	CORROSION	INTERNAL	0	0	\$5,045	1	1	\$45
08/21/15	HL	NOME	TX	JEFFERSON	CORROSION	INTERNAL	0	0	\$22,000	1	0	\$0
07/26/15	HL	BEAUMONT	TX	JEFFERSON	MATERIAL/WELD/EQUIP FAILURE	THREADED CONNECTION/COUPLING FAILURE	0	0	\$5,000	1	0	\$0
07/16/15	HL	MAYSVILLE	OK	GARVIN	INCORRECT OPERATION	OVERFILL/OVERFLOW OF TANK/VESSEL/SUMP	0	0	\$2,800	1	0	\$50
07/09/15	HL	CORSICANA	TX	NAVARRO	CORROSION	EXTERNAL	0	0	\$41,676	4	4	\$225
06/23/15	HL	CORSICANA	TX	NAVARRO	INCORRECT OPERATION	OTHER INCORRECT OPERATION	0	0	\$33,022	0	0	\$22
06/14/15	HL	OREGON	OH	LUCAS	MATERIAL/WELD/EQUIP FAILURE	DEFECTIVE OR LOOSE TUBING/FITTING	0	0	\$2,540	0	0	\$20
05/31/15	HL	DIBOLL	TX	ANGELINA	CORROSION	INTERNAL	0	0	\$127,056	60	10	\$568
05/28/15	HL	CORSICANA	TX	NAVARRO	INCORRECT OPERATION	INCORRECT VALVE POSITION	0	0	\$30,163	20	3	\$163
05/12/15	HL	WORTHAM	TX	FREESTON	NATURAL FORCE DAMAGE	LIGHTNING	0	0	\$19,000	0	0	\$0
05/11/15	HL	CORSICANA	TX	NAVARRO	NATURAL FORCE DAMAGE	HEAVY RAINS/FLOODS	0	0	\$2,212,822	650	20	\$1,110
05/08/15	HL	DAYTON	TX	LIBERTY	CORROSION	EXTERNAL	0	0	\$524,139	3	3	\$315
04/20/15	HL	SINKING SPRINGS	PA	BERKS	INCORRECT OPERATION	OTHER INCORRECT OPERATION	0	0	\$530	0	0	\$30
04/10/15	HL	GLEN MILLS	PA	DELAWARE	CORROSION	EXTERNAL	0	0	\$491,574	0	0	\$24
03/26/15	HL	ASTON	PA	DELAWARE	MATERIAL/WELD/EQUIP FAILURE	MALFUNCTION OF CONTROL/RELIEF EQUIPMENT	0	0	\$3,530	0	0	\$30
03/26/15	HL	WHEELER	TX	WHEELER	MATERIAL/WELD/EQUIP FAILURE	OTHER EQUIPMENT FAILURE	0	0	\$2,550	0	0	\$5
03/22/15	HL	CUSHING	OK	PAYNE	MATERIAL/WELD/EQUIP FAILURE	NON-THREADED CONNECTION FAILURE	0	0	\$4,000	8	0	\$0
03/02/15	HL	SHARON HILL	PA	DELAWARE	NATURAL FORCE DAMAGE	TEMPERATURE	0	0	\$41,100	297	0	\$0
03/01/15	HL	ASTON	PA	DELAWARE	MATERIAL/WELD/EQUIP FAILURE	THREADED CONNECTION/COUPLING FAILURE	0	0	\$3,515	0	0	\$15
01/14/15	HL	BEAUMONT	TX	JEFFERSON	MATERIAL/WELD/EQUIP FAILURE	MALFUNCTION OF CONTROL/RELIEF EQUIPMENT	0	0	\$670,000	30	30	\$1,431
11/19/14	HL	WHITE OAK	TX	GREGG	INCORRECT OPERATION	INCORRECT INSTALLATION	0	0	\$49,508	1	0	\$50
11/04/14	HL	HENDERSON	TX	RUSK	INCORRECT OPERATION	INCORRECT VALVE POSITION	0	0	\$500	4	0	\$0
11/01/14	HL	KINGFISHER	OK	KINGFISHER	MATERIAL/WELD/EQUIP FAILURE	MANUFACTURING-RELATED	0	0	\$424,000	15	0	\$1,000
10/18/14	HL	SOUR LAKE	TX	HARDIN	MATERIAL/WELD/EQUIP FAILURE	NON-THREADED CONNECTION FAILURE	0	0	\$6,538	15	3	\$238
10/09/14	HL	ALEX	OK	GRADY	CORROSION	INTERNAL	0	0	\$8,082	1	1	\$82
09/25/14	HL	OREGON	OH	LUCAS	INCORRECT OPERATION	OTHER INCORRECT OPERATION	0	0	\$5,200	1	1	\$100
08/19/14	HL	NEDERLAND	TX	JEFFERSON	MATERIAL/WELD/EQUIP FAILURE	NON-THREADED CONNECTION FAILURE	0	0	\$671	0	0	\$71
05/20/14	HL	EVANT	TX	CORYELL	CORROSION	INTERNAL	0	0	\$47,198	2	2	\$198
04/24/14	HL	BEGGS	OK	OKMULGEE	CORROSION	INTERNAL	0	0	\$30,296	3	0	\$296
04/02/14	HL	ZEPHYR	TX	BROWN	MATERIAL/WELD/EQUIP FAILURE	OTHER EQUIPMENT FAILURE	0	0	\$7,288	3	3	\$288
03/28/14	HL	ALEX	OK	GRADY	INCORRECT OPERATION	INCORRECT INSTALLATION	0	0	\$1,493	4	0	\$393
03/27/14	HL	CORSICANA	TX	NAVARRO	MATERIAL/WELD/EQUIP FAILURE	DEFECTIVE OR LOOSE TUBING/FITTING	0	0	\$2,000	1	0	\$0
03/14/14	HL	CORSICANA	TX	NAVARRO	MATERIAL/WELD/EQUIP FAILURE	PUMP OR PUMP-RELATED EQUIPMENT	0	0	\$2,950	0	0	\$50
03/02/14	HL	CORSICANA	TX	NAVARRO	MATERIAL/WELD/EQUIP FAILURE	MALFUNCTION OF CONTROL/RELIEF EQUIPMENT	0	0	\$3,460	3	0	\$60
02/24/14	HL	LONGVIEW	TX	GREGG	CORROSION	INTERNAL	0	0	\$206,471	20	10	\$1,489
02/21/14	HL	LONGVIEW	TX	GREGG	CORROSION	INTERNAL	0	0	\$41,885	15	5	\$494
02/18/14	HL	WHITE OAK	TX	GREGG	MATERIAL/WELD/EQUIP FAILURE	FAILURE OF EQUIPMENT BODY	0	0	\$7,000	0	0	\$0
01/22/14	HL	GARY	TX	PANOLA	CORROSION	EXTERNAL	0	0	\$378,368	400	133	\$14,356
01/13/14	HL	LONGVIEW	TX	GREGG	CORROSION	INTERNAL	0	0	\$47,741	15	5	\$441
12/28/13	HL	EDMOND	OK	OKLAHOMA	CORROSION	INTERNAL	0	0	\$336,047	138	97	\$9,312
12/28/13	HL	EDMOND	OK	OKLAHOMA	CORROSION	INTERNAL	0	0	\$39,928	47	33	\$3,193
12/27/13	HL	STOWELL	TX	CHAMBERS	MATERIAL/WELD/EQUIP FAILURE	THREADED CONNECTION/COUPLING FAILURE	0	0	\$478	0	0	\$0
12/20/13	HL	COAL TOWNSHIP	PA	NORTHUMBERLAND	CORROSION	EXTERNAL	0	0	\$1,069,253	0	0	\$8
12/05/13	HL	CUSHING	OK	PAYNE	MATERIAL/WELD/EQUIP FAILURE	MALFUNCTION OF CONTROL/RELIEF EQUIPMENT	0	0	\$9,530	7	0	\$0
11/30/13	HL	STOWELL	TX	CHAMBERS	MATERIAL/WELD/EQUIP FAILURE	NON-THREADED CONNECTION FAILURE	0	0	\$1,418	0	0	\$21
11/14/13	HL	EDMOND	OK	OKLAHOMA	CORROSION	INTERNAL	0	0	\$19,632	7	7	\$632
11/13/13	HL	DIBOLL	TX	ANGELINA	MATERIAL/WELD/EQUIP FAILURE	NON-THREADED CONNECTION FAILURE	0	0	\$3,450	1	1	\$100
10/05/13	HL	TYLER	TX	SMITH	CORROSION	EXTERNAL	0	0	\$266,257	30	10	\$1,003
09/24/13	HL	TEMPLE	TX	BELL	INCORRECT OPERATION	OTHER INCORRECT OPERATION	0	0	\$45,834	5	5	\$498
09/04/13	HL	ALEX	OK	GRADY	CORROSION	INTERNAL	0	0	\$200	1	0	\$100
08/19/13	HL	ASTON	PA	DELEWARE COUNTY	CORROSION	EXTERNAL	0	0	\$4,620	0	0	\$120
08/09/13	HL	LIBERTY	TX	LIBERTY	CORROSION	INTERNAL	0	0	\$6,553	0	0	\$53
07/11/13	HL	OREGON	OH	LUCAS	MATERIAL/WELD/EQUIP FAILURE	CONSTRUCTION, INSTALLATION OR FABRICATION-RELATED	0	0	\$55,540	0	0	\$0
06/25/13	HL	RINGGOLD	TX	MONTAQUE	MATERIAL/WELD/EQUIP FAILURE	DEFECTIVE OR LOOSE TUBING/FITTING	0	0	\$199,740	150	60	\$5,505
05/20/13	HL	UPPER CHICHESTER	PA	DELAWARE	MATERIAL/WELD/EQUIP FAILURE	NON-THREADED CONNECTION FAILURE	0	0	\$45,672	5	0	\$672
05/14/13	HL	KELLER	TX	TARRANT	CORROSION	INTERNAL	0	0	\$13,521	2	0	\$46
05/07/13	HL	SPRING TOWNSHIP	PA	BERKS	CORROSION	EXTERNAL	0	0	\$7,661	0	0	\$0
04/23/13	HL	CORSICANA	TX	NAVARRO	INCORRECT OPERATION	OTHER INCORRECT OPERATION	0	0	\$24,015	4	4	\$343
04/03/13	HL	CORSICANA	TX	NAVARRO	MATERIAL/WELD/EQUIP FAILURE	THREADED CONNECTION/COUPLING FAILURE	0	0	\$2,617	1	0	\$67
03/20/13	HL	CORSICANA	TX	NAVARRO	MATERIAL/WELD/EQUIP FAILURE	THREADED CONNECTION/COUPLING FAILURE	0	0	\$133,107	300	140	\$12,530
03/11/13	HL	MIDLOTHIAN	TX	ELLIS	CORROSION	EXTERNAL	0	0	\$216,515	50	38	\$3,363
03/11/13	HL	DEVERS	TX	LIBERTY	MATERIAL/WELD/EQUIP FAILURE	OTHER EQUIPMENT FAILURE	0	0	\$29,459	37	17	\$1,549
02/28/13	HL	CIMMARON	OK	LOGAN	CORROSION	INTERNAL	0	0	\$214,538	75	0	\$0
02/23/13	HL	CHESTER	TX	TYLER	CORROSION	INTERNAL	0	0	\$3,634,605	550	50	\$4,488
02/14/13	HL	SOUR LAKE	TX	HARDIN	INCORRECT OPERATION	PIPELINE/EQUIPMENT OVERPRESSURED	0	0	\$38,197	0	0	\$30
02/09/13	HL	BRECKENRIDGE	TX	STEPHENS	CORROSION	INTERNAL	0	0	\$117,898	15	13	\$1,199
02/08/13	HL	CHESTER	TX	TYLER	CORROSION	INTERNAL	0	0	\$270,046	7	0	\$46

Date	System	City	State	County	Cause	Sub Cause	Fatalities	Injuries	Property Damage (A)	Gross Barrels Spilled (Haz Lig) (B)	Net Barrels Lost (Haz Lig) (B)(C)	Value of Product Lost (D)
02/07/13	HL	CHESTER	TX	TYLER	CORROSION	INTERNAL	0	0	\$37,089	3	2	\$185
02/06/13	HL	RANGER	TX	STEPHENS	CORROSION	INTERNAL	0	0	\$163,973	25	25	\$2,325
02/05/13	HL	BEAUMONT	TX	JEFFERSON	MATERIAL/WELD/EQUIP FAILURE	THREADED CONNECTION/COUPLING FAILURE	0	0	\$585	0	0	\$45
02/03/13	HL	BRECKENRIDGE	TX	STEPHENS	CORROSION	INTERNAL	0	0	\$115,462	25	25	\$2,356
01/24/13	HL	RANGER	TX	STEPHENS	CORROSION	INTERNAL	0	0	\$734,668	350	230	\$21,275
01/07/13	HL	COLMESNEIL	TX	TYLER	MATERIAL/WELD/EQUIP FAILURE	MALFUNCTION OF CONTROL/RELIEF EQUIPMENT	0	0	\$45,029	10	10	\$897
01/04/13	HL	SINKING SPRING	PA	BERKS	MATERIAL/WELD/EQUIP FAILURE	MANUFACTURING-RELATED	0	0	\$225,400	12	0	\$1,400
01/02/13	HL	PADACUH	TX	COTTLE	CORROSION	EXTERNAL	0	0	\$37,308	2	2	\$179
12/21/12	HL	WAYNE	MI	WAYNE	INCORRECT OPERATION	OTHER INCORRECT OPERATION	0	0	\$1,216,083	3	0	\$300
12/19/12	HL	RINGGOLD	TX	MONTAGUE	CORROSION	INTERNAL	0	0	\$2,880	1	0	\$80
12/16/12	HL	ASTON	PA	DELEWARE	MATERIAL/WELD/EQUIP FAILURE	NON-THREADED CONNECTION FAILURE	0	0	\$11,000	3	0	\$0
11/12/12	HL	SARATOGA	TX	HARDIN	CORROSION	INTERNAL	0	0	\$12,041	0	0	\$41
10/01/12	HL	WARREN	TX	TYLER	MATERIAL/WELD/EQUIP FAILURE	PUMP OR PUMP-RELATED EQUIPMENT	0	0	\$7,024	0	0	\$24
09/26/12	HL	WORTHAM	TX	ROBERTSON	MATERIAL/WELD/EQUIP FAILURE	PUMP OR PUMP-RELATED EQUIPMENT	0	0	\$24,598	13	3	\$276
08/19/12	HL	SHARON HILL	PA	DELAWARE	CORROSION	INTERNAL	0	0	\$46,000	4	0	\$0
08/15/12	HL	SOUR LAKE	TX	HARDIN	CORROSION	EXTERNAL	0	0	\$12,453	3	3	\$300
08/03/12	HL	SOUR LAKE	TX	HARDIN	CORROSION	INTERNAL	0	0	\$5,040	0	0	\$40
07/12/12	HL	KURTEN	TX	BRAZOS	CORROSION	EXTERNAL	0	0	\$18,000	0	0	\$0
07/07/12	HL	KURTEN	TX	BRAZOS	CORROSION	EXTERNAL	0	0	\$18,162	2	2	\$162
07/06/12	HL	CORSICANA	TX	NAVARRO	CORROSION	INTERNAL	0	0	\$1,137	0	0	\$12
06/20/12	HL	LONGVIEW	TX	GREGG	CORROSION	INTERNAL	0	0	\$2,909	0	0	\$9
05/18/12	HL	CORSICANA	TX	NAVARRO	CORROSION	INTERNAL	0	0	\$10,454	10	2	\$176
05/14/12	HL	BIG SPRING	TX	HOWARD	MATERIAL/WELD/EQUIP FAILURE	PUMP OR PUMP-RELATED EQUIPMENT	0	0	\$4,020	0	0	\$20
05/10/12	HL	CHILDRESS	TX	CHILDRESS	CORROSION	EXTERNAL	0	0	\$259,533	20	20	\$1,870
04/08/12	HL	SOUR LAKE	TX	HARDIN	INCORRECT OPERATION	OVERFILL/OVERFLOW OF TANK/VESSEL/SUMP	0	0	\$25,060	5	5	\$500
04/02/12	HL	HEARNE	TX	ROBERTSON	MATERIAL/WELD/EQUIP FAILURE	PUMP OR PUMP-RELATED EQUIPMENT	0	0	\$1,800	4	0	\$0
03/06/12	HL	STOWELL	TX	CHAMBERS	CORROSION	INTERNAL	0	0	\$18,160	0	0	\$50
03/02/12	HL	HULL	TX	LIBERTY	CORROSION	INTERNAL	0	0	\$15,012	0	0	\$12
02/27/12	HL	MAYSVILLE	OK	GARVIN	CORROSION	INTERNAL	0	0	\$4,253	2	0	\$53
02/09/12	HL	WHITE OAK	TX	GREGG	INCORRECT OPERATION	INCORRECT INSTALLATION	0	0	\$2,034	0	0	\$34
01/12/12	HL	WELLINGTON	OH	LORRAIN	EXCAVATION DAMAGE	PREVIOUS DAMAGE DUE TO EXCAVATION	0	0	\$17,904,594	1,950	1,221	\$3,289
01/11/12	HL	HULL	TX	LIBERTY	CORROSION	INTERNAL	0	0	\$23,129	2	2	\$292
01/06/12	HL	ROBERT LEE	TX	COKE	CORROSION	INTERNAL	0	0	\$89,622	117	117	\$11,466
12/29/11	HL	HAWLEY	TX	JONES	MATERIAL/WELD/EQUIP FAILURE	OTHER EQUIPMENT FAILURE	0	0	\$3,612	2	2	\$192
12/20/11	HL	SARATOGA	TX	HARDIN	INCORRECT OPERATION	OVERFILL/OVERFLOW OF TANK/VESSEL/SUMP	0	0	\$5,434	2	2	\$242
12/11/11	HL	CORSICANA	TX	NAVARRO	CORROSION	INTERNAL	0	0	\$7,696	0	0	\$96
12/01/11	HL	RULE	TX	HASKELL	MATERIAL/WELD/EQUIP FAILURE	PUMP OR PUMP-RELATED EQUIPMENT	0	0	\$4,185	0	0	\$35
11/02/11	HL	BIG SPRING	TX	HOWARD	MATERIAL/WELD/EQUIP FAILURE	DEFECTIVE OR LOOSE TUBING/FITTING	0	0	\$45	0	0	\$45
10/13/11	HL	TEMPLE	TX	BELL	MATERIAL/WELD/EQUIP FAILURE	NON-THREADED CONNECTION FAILURE	0	0	\$10	0	0	\$10
10/04/11	HL	TULSA	OK	TULSA	CORROSION	INTERNAL	0	0	\$12,257	25	0	\$0
10/04/11	HL	SOUR LAKE	TX	HARDIN	CORROSION	INTERNAL	0	0	\$3,308	0	0	\$36
09/26/11	HL	ASTON	PA	PA	OTHER OUTSIDE FORCE DAMAGE	OTHER OUTSIDE FORCE DAMAGE	0	0	\$365,591	78	0	\$0
08/31/11	HL	PRICE	TX	RUSK	CORROSION	INTERNAL	0	0	\$10,904	2	2	\$171
08/29/11	HL	CORSICANA	TX	NAVARRO	CORROSION	INTERNAL	0	0	\$27,598	4	3	\$251
07/22/11	HL	DIBOLL	TX	ANGELINA	INCORRECT OPERATION	PIPELINE/EQUIPMENT OVERPRESSURED	0	0	\$3,575	1	1	\$144
04/27/11	HL	RINGGOLD	TX	MONTAGUE	CORROSION	INTERNAL	0	0	\$49,832	8	2	\$219
04/19/11	HL	LONGVIEW	TX	GREGG	MATERIAL/WELD/EQUIP FAILURE	MALFUNCTION OF CONTROL/RELIEF EQUIPMENT	0	0	\$1,414	1	1	\$105
02/14/11	HL	WYNNEWOOD	OK	MURRAY	CORROSION	INTERNAL	0	0	\$67,021	78	58	\$4,713
02/13/11	HL	DIBOLL	TX	ANGELINA	INCORRECT OPERATION	OVERFILL/OVERFLOW OF TANK/VESSEL/SUMP	0	0	\$5,769	4	1	\$83
02/12/11	HL	WHITE OAK	TX	GREGG	CORROSION	EXTERNAL	0	0	\$126,058	40	16	\$1,312
02/10/11	HL	LONGVIEW	TX	GREGG	MATERIAL/WELD/EQUIP FAILURE	MALFUNCTION OF CONTROL/RELIEF EQUIPMENT	0	0	\$18,428	0	0	\$42
02/08/11	HL	SHARON HILL	PA	DELAWARE	CORROSION	INTERNAL	0	0	\$257,250	38	0	\$0
01/19/11	HL	MAYSVILLE	OK	GARVIN	CORROSION	INTERNAL	0	0	\$816,730	1,250	1,035	\$90,304
01/03/11	HL	PAMPA	TX	GRAY	MATERIAL/WELD/EQUIP FAILURE	PUMP OR PUMP-RELATED EQUIPMENT	0	0	\$2,555	0	0	\$44
12/04/10	HL	LIVINGSTON	TX	POLK	CORROSION	INTERNAL	0	0	\$155,340	75	45	\$3,825
11/20/10	HL	NEW WAVERLY	TX	WALKER	MATERIAL/WELD/EQUIP FAILURE	CONSTRUCTION, INSTALLATION OR FABRICATION-RELATED	0	0	\$438,060	100	100	\$8,500
11/15/10	HL	DIBOLL	TX	ANGELINA	INCORRECT OPERATION	OVERFILL/OVERFLOW OF TANK/VESSEL/SUMP	0	0	\$19,434	15	5	\$405
11/12/10	HL	ENID	OK	GARFIELD	INCORRECT OPERATION	INCORRECT VALVE POSITION	0	0	\$7,368	0	0	\$40
10/06/10	HL	ST. CLAIR	MI	ST. CLAIR	CORROSION	EXTERNAL	0	0	\$75,000	1	0	\$0
09/30/10	HL	THOMAS	TX	GREGG	MATERIAL/WELD/EQUIP FAILURE	NON-THREADED CONNECTION FAILURE	0	0	\$3,982	1	1	\$77
09/28/10	HL	BEAUMONT	TX	JEFFERSON	EXCAVATION DAMAGE	OPERATOR/CONTRACTOR EXCAVATION DAMAGE	0	0	\$1,020	0	0	\$20
09/27/10	HL	BEAUMONT	TX	JEFFERSON	INCORRECT OPERATION	INCORRECT VALVE POSITION	0	0	\$8,913	1	0	\$0
09/24/10	HL	BRECKENRIDGE	TX	STEPHENS	INCORRECT OPERATION	OVERFILL/OVERFLOW OF TANK/VESSEL/SUMP	0	0	\$237	2	1	\$37
09/16/10	HL	ANSON	TX	JONES	MATERIAL/WELD/EQUIP FAILURE	CONSTRUCTION, INSTALLATION OR FABRICATION-RELATED	0	0	\$18,865	0	0	\$35
08/22/10	HL	CORSICANA	TX	NAVARRO	CORROSION	INTERNAL	0	0	\$398,039	100	98	\$6,860
07/31/10	HL	CORSICANA	TX	NAVARRO	CORROSION	INTERNAL	0	0	\$19,227	3	2	\$227
07/11/10	HL	THOMAS	TX	GREGG	CORROSION	EXTERNAL	0	0	\$43,361	6	6	\$414
07/04/10	HL	DRUMRIGHT	OK	CREEK	CORROSION	INTERNAL	0	0	\$29,411	1	0	\$69
06/16/10	HL	COLMESNEIL	TX	TYLER	MATERIAL/WELD/EQUIP FAILURE	PUMP OR PUMP-RELATED EQUIPMENT	0	0	\$5,011	0	0	\$11
06/10/10	HL	DOUGLAS	TX	NACOGDOCHES	MATERIAL/WELD/EQUIP FAILURE	PUMP OR PUMP-RELATED EQUIPMENT	0	0	\$2,536	0	0	\$36
06/09/10	HL	HOUSTON	TX	HARRIS	MATERIAL/WELD/EQUIP FAILURE	MALFUNCTION OF CONTROL/RELIEF EQUIPMENT	0	0	\$16,534	3	3	\$0
05/27/10	HL	CORSICANA	TX	NAVARRO	CORROSION	INTERNAL	0	0	\$9,499	0	0	\$30
05/19/10	HL	LONGVIEW	TX	GREGG	MATERIAL/WELD/EQUIP FAILURE	MALFUNCTION OF CONTROL/RELIEF EQUIPMENT	0	0	\$6,868	1	1	\$67
04/10/10	HL	CASHION	OK	LOGAN COUNTY	MATERIAL/WELD/EQUIP FAILURE	CONSTRUCTION, INSTALLATION OR FABRICATION-RELATED	0	0	\$167,904	0	0	\$2

Date	System	City	State	County	Cause	Sub Cause	Fatalities	Injuries	Property Damage (A)	Gross Barrels Spilled (Haz Lig) (B)	Net Barrels Lost (Haz Lig) (B)(C)	Value of Product Lost (D)
04/05/10	HL	PHAROAH	OK	OKFUSKEE	MATERIAL/WELD/EQUIP FAILURE	PUMP OR PUMP-RELATED EQUIPMENT	0	0	\$7,815	3	0	\$249
03/15/10	HL	WHITE OAK	TX	GREGG	MATERIAL/WELD/EQUIP FAILURE	MALFUNCTION OF CONTROL/RELIEF EQUIPMENT	0	0	\$11,497	0	0	\$46
03/15/10	HL	COMYN	TX	COMANCHE	MATERIAL/WELD/EQUIP FAILURE	NON-THREADED CONNECTION FAILURE	0	0	\$765	0	0	\$10
03/09/10	HL	LONGVIEW	TX	GREGG	MATERIAL/WELD/EQUIP FAILURE	THREADED CONNECTION/COUPLING FAILURE	0	0	\$5,039	1	0	\$39
03/09/10	HL	CORSICANA	TX	NAVARRO	MATERIAL/WELD/EQUIP FAILURE	CONSTRUCTION, INSTALLATION OR FABRICATION-RELATED	0	0	\$26,064	1	0	\$78
02/20/10	HL	LONGVIEW	TX	GREGG	MATERIAL/WELD/EQUIP FAILURE	OTHER EQUIPMENT FAILURE	0	0	\$93,513	8	2	\$152
12/31/09	HL	LONGVIEW	TX	GREGG	MATERIAL/WELD/EQUIP FAILURE	UNSPECIFIED EQUIPMENT FAILURE	0	0	\$500	1	0	\$0
12/18/09	HL	CORSICANA	TX	NAVARRO	INCORRECT OPERATION	INCORRECT OPERATION	0	0	\$16,299	103	14	\$994
12/17/09	HL	PORT ARTHUR	TX	JEFFERSON	MATERIAL/WELD/EQUIP FAILURE	UNSPECIFIED EQUIPMENT FAILURE	0	0	\$2,533	0	0	\$33
11/24/09	HL	CORSICANA	TX	NAVARRO	INCORRECT OPERATION	INCORRECT OPERATION	0	0	\$18,378	8	6	\$444
11/19/09	HL	CORSICANA	TX	NAVARRO	CORROSION	UNSPECIFIED CORROSION	0	0	\$28,553	0	0	\$35
11/05/09	HL	KILGORE	TX	GREGG	INCORRECT OPERATION	UNSPECIFIED INCORRECT OPERATION	0	0	\$1,000	2	0	\$0
10/09/09	HL	LONGVIEW	TX	GREGG	NATURAL FORCE DAMAGE	HEAVY RAINS/FLOODS	0	0	\$31,500	2	1	\$65
09/16/09	HL	TIFFIN	OH	SENECA	EXCAVATION DAMAGE	THIRD PARTY EXCAVATION DAMAGE	0	0	\$505,799	671	163	\$52,100
09/02/09	HL	LONGVIEW	TX	GREGG	CORROSION	UNSPECIFIED CORROSION	0	0	\$15,000	4	0	\$0
08/24/09	HL	MONT BELVIEU	TX	CHAMBERS	CORROSION	INTERNAL	0	0	\$529,003	2,500	1,613	\$96,780
08/17/09	HL	ENID	OK	GARFIELD	CORROSION	UNSPECIFIED CORROSION	0	0	\$5,067	1	1	\$67
08/03/09	HL	BEAUMONT	TX	JEFFERSON	MATERIAL/WELD/EQUIP FAILURE	UNSPECIFIED EQUIPMENT FAILURE	0	0	\$1,500	1	0	\$0
07/05/09	HL	CORSICANA	TX	NAVARRO	CORROSION	UNSPECIFIED CORROSION	0	0	\$17,560	2	2	\$120
05/31/09	HL	LONGVIEW	TX	GREGG	CORROSION	UNSPECIFIED CORROSION	0	0	\$13,158	3	3	\$165
05/29/09	HL	LONGVIEW	TX	GREGG	MATERIAL/WELD/EQUIP FAILURE	UNSPECIFIED EQUIPMENT FAILURE	0	0	\$5,116	1	1	\$55
05/08/09	HL	ASTON	PA	DELAWARE	MATERIAL/WELD/EQUIP FAILURE	RUPTURED OR LEAKING SEAL/PUMP PACKING	0	0	\$337,398	59	0	\$5,575
05/04/09	HL	LONGVIEW	TX	GREGG	MATERIAL/WELD/EQUIP FAILURE	RUPTURED OR LEAKING SEAL/PUMP PACKING	0	0	\$44,966	248	2	\$110
05/01/09	HL	COMYN	TX	COMANCHE	MATERIAL/WELD/EQUIP FAILURE	UNSPECIFIED EQUIPMENT FAILURE	0	0	\$7,555	4	1	\$55
04/30/09	HL	VALLEY MILLS	TX	BOSQUE	CORROSION	EXTERNAL	0	0	\$28,190	20	15	\$690
04/24/09	HL	ASTON	PA	DELAWARE	INCORRECT OPERATION	UNSPECIFIED INCORRECT OPERATION	0	0	\$5,125	0	0	\$25
03/16/09	HL	LORENA	TX	MCLENNAN	CORROSION	INTERNAL	0	0	\$653,593	1,400	730	\$38,000
02/09/09	HL	LONGVIEW	TX	GREGG	MATERIAL/WELD/EQUIP FAILURE	UNSPECIFIED EQUIPMENT FAILURE	0	0	\$1,250	0	0	\$0
01/17/09	HL	CUSHING	OK	PAYNE	CORROSION	INTERNAL	0	0	\$13,794	10	5	\$190
12/30/08	HL	COLUMBUS	MI	ST. CLAIR	MATERIAL/WELD/EQUIP FAILURE	BUTT WELD	0	0	\$198,979	30	9	\$2,000
12/17/08	HL	LINDEN	NJ	UNION	CORROSION	EXTERNAL	0	0	\$71,550	0	0	\$50
12/05/08	HL	MARYSVILLE	MI	ST. CLAIR	CORROSION	INTERNAL	0	0	\$84,420	10	3	\$420
11/25/08	HL	MURRYSVILLE	PA	WESTMORELAND	INCORRECT OPERATION	INCORRECT OPERATION	0	0	\$1,124,000	280	160	\$14,000
11/17/08	HL	CORSICANA	TX	NAVARRO	CORROSION	INTERNAL	0	0	\$20,300	15	5	\$300
09/23/08	HL	KILGORE	TX	GREGG	CORROSION	UNSPECIFIED CORROSION	0	0	\$27,451	1	1	\$100
08/04/08	HL	LONGVIEW	TX	GREGG	CORROSION	INTERNAL	0	0	\$9,392	6	1	\$113
07/17/08	HL	ENID	OK	GARFIELD	MATERIAL/WELD/EQUIP FAILURE	THREADS STRIPPED, BROKEN PIPE COUPLING	0	0	\$32,145	5	5	\$600
06/26/08	HL	CLEVELAND	TX	SAN JACINTO	MATERIAL/WELD/EQUIP FAILURE	FILLET WELD	0	0	\$197,601	15	2	\$262
06/11/08	HL	CORSICANA	TX	NAVARRO	MATERIAL/WELD/EQUIP FAILURE	UNSPECIFIED EQUIPMENT FAILURE	0	0	\$4,524	4	4	\$524
05/28/08	HL	MCGREGOR	TX	MCLENNAN	INCORRECT OPERATION	UNSPECIFIED INCORRECT OPERATION	0	0	\$500	0	0	\$0
05/07/08	HL	DAISETTA	TX	HARDIN	NATURAL FORCE DAMAGE	EARTH MOVEMENT	0	0	\$100,069	10	10	\$1,120
05/03/08	HL	ENID	OK	GARFIELD	INCORRECT OPERATION	UNSPECIFIED INCORRECT OPERATION	0	0	\$30,036	4	1	\$122
04/25/08	HL	ASTON	PA	DELAWARE	INCORRECT OPERATION	INCORRECT OPERATION	0	0	\$14,500	10	1	\$0
04/22/08	HL	SOUR LAKE	TX	HARDIN	CORROSION	INTERNAL	0	0	\$24,050	20	2	\$250
04/09/08	HL	LONGVIEW	TX	GREGG	MATERIAL/WELD/EQUIP FAILURE	UNSPECIFIED EQUIPMENT FAILURE	0	0	\$850	2	1	\$50
03/31/08	HL	CORSICANA	TX	NAVARRO	CORROSION	INTERNAL	0	0	\$30,000	100	50	\$5,000
03/16/08	HL	PHILADELPHIA	PA	PHILADELPHIA	MATERIAL/WELD/EQUIP FAILURE	UNSPECIFIED EQUIPMENT FAILURE	0	0	\$18,000	0	0	\$100
03/13/08	HL	DIBOLL	TX	ANGELINA	MATERIAL/WELD/EQUIP FAILURE	UNSPECIFIED MATERIAL/WELD FAILURE	0	0	\$9,567	0	0	\$50
03/04/08	HL	DRUMRIGHT	OK	CREEK	MATERIAL/WELD/EQUIP FAILURE	UNSPECIFIED EQUIPMENT FAILURE	0	0	\$525	0	0	\$25
02/07/08	HL	PAULSBORO	NJ	GLOUCESTER	INCORRECT OPERATION	INCORRECT OPERATION	0	0	\$12,550	12	0	\$1,250
01/22/08	HL	MCGREGOR	TX	MCLENNAN	INCORRECT OPERATION	UNSPECIFIED INCORRECT OPERATION	0	0	\$589	1	1	\$89
01/05/08	HL	DIBOLL	TX	ANGELINA	MATERIAL/WELD/EQUIP FAILURE	JOINT/FITTING/COMPONENT	0	0	\$263,186	50	1	\$86
12/20/07	HL	FAIRVIEW	TX	WISE	CORROSION	INTERNAL	0	0	\$108,842	2	2	\$176
11/19/07	HL	LONGVIEW	TX	GREGG	CORROSION	INTERNAL	0	0	\$202,168	75	5	\$440
11/10/07	HL	NEDERLAND	TX	JEFFERSON	OTHER OUTSIDE FORCE DAMAGE	INTENTIONAL DAMAGE	0	0	\$62,400	30	30	\$2,400
10/18/07	HL	BEGGS	OK	OKMULGEE	MATERIAL/WELD/EQUIP FAILURE	UNSPECIFIED EQUIPMENT FAILURE	0	0	\$620	0	0	\$20
09/26/07	HL	CUSHING	OK	PAYNE	CORROSION	INTERNAL	0	0	\$8,070	20	1	\$70
09/14/07	HL	WELLS	TX	ANGELINA	CORROSION	EXTERNAL	0	0	\$192,470	30	7	\$504
08/27/07	HL	RANGER	TX	EASTLAND	CORROSION	UNSPECIFIED CORROSION	0	0	\$6,150	3	2	\$150
08/05/07	HL	LUINA PIER	MI	MONROE	INCORRECT OPERATION	INCORRECT OPERATION	0	0	\$12,800	5	0	\$500
06/27/07	HL	ELMORE CITY	OK	GARVIN	OTHER OUTSIDE FORCE DAMAGE	INTENTIONAL DAMAGE	0	0	\$48,000	50	15	\$1,000
06/20/07	HL	LIVINGSTON	TX	POLK	EXCAVATION DAMAGE	THIRD PARTY EXCAVATION DAMAGE	0	0	\$121,750	100	10	\$750
06/18/07	HL	CORSICANA	TX	NAVARRO	CORROSION	UNSPECIFIED CORROSION	0	0	\$5,000	4	0	\$0
06/14/07	HL	CUSHING	OK	PAYNE	CORROSION	INTERNAL	0	0	\$107,700	25	15	\$1,700
06/13/07	HL	CORSICANA	TX	NAVARRO	MATERIAL/WELD/EQUIP FAILURE	UNSPECIFIED EQUIPMENT FAILURE	0	0	\$1,500	4	0	\$0
05/21/07	HL	ARLINGTON	TX	TARRANT	EXCAVATION DAMAGE	UNSPECIFIED EXCAVATION DAMAGE	0	0	\$42,040	0	0	\$40
05/16/07	HL	SHAMOKIN	PA	NORTHUMBERLAND	EXCAVATION DAMAGE	THIRD PARTY EXCAVATION DAMAGE	0	1	\$2,826,000	1,502	1,287	\$147,000
04/15/07	HL	SINKING SPRING	PA	BERKS	CORROSION	EXTERNAL	0	0	\$20,650	7	0	\$650
04/02/07	HL	HAWLEY	TX	JONES	CORROSION	INTERNAL	0	0	\$31,240	285	20	\$1,240
03/16/07	HL	LONGVIEW	TX	GREGG	CORROSION	UNSPECIFIED CORROSION	0	0	\$35,100	0	0	\$1
02/26/07	HL	TAYLOR	MI	WAYNE	NATURAL FORCE DAMAGE	UNSPECIFIED NATURAL FORCE DAMAGE	0	0	\$2,300	3	1	\$300
02/24/07	HL	TULSA	OK	TULSA	MATERIAL/WELD/EQUIP FAILURE	RUPTURED OR LEAKING SEAL/PUMP PACKING	0	0	\$15,060	12	1	\$60
02/18/07	HL	SHARON HILL	PA	DELAWARE	MATERIAL/WELD/EQUIP FAILURE	UNSPECIFIED EQUIPMENT FAILURE	0	0	\$3,060	0	0	\$60
02/10/07	HL	ALVORD	TX	WISE	CORROSION	UNSPECIFIED CORROSION	0	0	\$500	4	0	\$0

Date	System	City	State	County	Cause	Sub Cause	Fatalities	Injuries	Property Damage (A)	Gross Barrels Spilled (Haz Lig) (B)	Net Barrels Lost (Haz Lig) (B)(C)	Value of Product Lost (D)
02/07/07	HL	ROMULUS	MI	WAYNE	NATURAL FORCE DAMAGE	TEMPERATURE	0	0	\$30,000	14	1	\$1,200
02/06/07	HL	ARLINGTON	TX	TARRANT	EXCAVATION DAMAGE	THIRD PARTY EXCAVATION DAMAGE	0	0	\$571,294	518	94	\$5,640
01/29/07	HL	CORSICANA	TX	NAVARRO	CORROSION	UNSPECIFIED CORROSION	0	0	\$8,120	2	0	\$120
12/27/06	HL	SYLVANIA	PA	BRADFORD	MATERIAL/WELD/EQUIP FAILURE	RUPTURED OR LEAKING SEAL/PUMP PACKING	0	0	\$6,000	0	0	\$0
12/15/06	HL	BRONTE	TX	COKE	MATERIAL/WELD/EQUIP FAILURE	UNSPECIFIED MATERIAL/WELD FAILURE	0	0	\$6,700	4	4	\$200
12/04/06	HL	CHILTON	TX	FALLS	MATERIAL/WELD/EQUIP FAILURE	UNSPECIFIED EQUIPMENT FAILURE	0	0	\$2,100	3	0	\$0
11/14/06	HL	MARYSVILLE	MI	ST. CLAIR	MATERIAL/WELD/EQUIP FAILURE	UNSPECIFIED EQUIPMENT FAILURE	0	0	\$6,100	0	0	\$100
11/09/06	HL	KILGORE	TX	GREGG	EXCAVATION DAMAGE	THIRD PARTY EXCAVATION DAMAGE	0	0	\$136,000	350	20	\$18,000
10/05/06	HL	ASTON	PA	DELAWARE	MATERIAL/WELD/EQUIP FAILURE	UNSPECIFIED EQUIPMENT FAILURE	0	0	\$10,000	0	0	\$50
09/26/06	HL	TOLEDO	OH	LUCAS	MATERIAL/WELD/EQUIP FAILURE	JOINT/FITTING/COMPONENT	0	0	\$54,020	0	0	\$20
09/06/06	HL	KILGORE	TX	GREGG	CORROSION	UNSPECIFIED CORROSION	0	0	\$415	0	0	\$0
08/29/06	HL	NEWARK	NJ	ESSEX	CORROSION	EXTERNAL	0	0	\$101,725	19	0	\$2,000
08/21/06	HL	HAWLEY	TX	JONES	CORROSION	INTERNAL	0	0	\$49,920	100	65	\$4,420
08/13/06	HL	TULSA	OK	TULSA	ALL OTHER CAUSES	UNKNOWN	0	0	\$2,350	2	1	\$100
07/17/06	HL	CUSHING	OK	PAYNE	MATERIAL/WELD/EQUIP FAILURE	UNSPECIFIED EQUIPMENT FAILURE	0	0	\$1,285	0	0	\$35
06/19/06	HL	TYE	TX	TAYLOR	CORROSION	INTERNAL	0	0	\$183,000	500	333	\$30,000
06/15/06	HL	SEMINOLE	OK	SEMINOLE	EXCAVATION DAMAGE	THIRD PARTY EXCAVATION DAMAGE	0	0	\$4,200	200	0	\$0
05/31/06	HL	DUBLIN	TX	ERATH	CORROSION	EXTERNAL	0	0	\$38,725	15	15	\$725
05/31/06	HL	DUBLIN	TX	ERATH	CORROSION	EXTERNAL	0	0	\$23,725	10	10	\$725
05/04/06	HL	CORSICANA	TX	NAVARRO	CORROSION	UNSPECIFIED CORROSION	0	0	\$2,350	3	3	\$150
05/01/06	HL	HAWLEY	TX	JONES	CORROSION	INTERNAL	0	0	\$12,200	15	10	\$500
04/29/06	HL	TULSA	OK	TULSA	CORROSION	INTERNAL	0	0	\$25,698	63	3	\$698
04/25/06	HL	ALANREED	TX	DONLEY	CORROSION	EXTERNAL	0	0	\$18,000	15	5	\$300
04/03/06	HL	CORSICANA	TX	NAVARRO	INCORRECT OPERATION	UNSPECIFIED INCORRECT OPERATION	0	0	\$525	0	0	\$25
03/21/06	HL	KELLER	TX	TARRANT	NATURAL FORCE DAMAGE	UNSPECIFIED NATURAL FORCE DAMAGE	0	0	\$1,006	0	0	\$6
03/20/06	HL	RINGGOLD	TX	MONTAGUE	MATERIAL/WELD/EQUIP FAILURE	UNSPECIFIED EQUIPMENT FAILURE	0	0	\$1,525	0	0	\$25
03/09/06	HL	TAYLOR	MI	WAYNE	NATURAL FORCE DAMAGE	UNSPECIFIED NATURAL FORCE DAMAGE	0	0	\$1,510	0	0	\$10
02/24/06	HL		TX	EASTLAND	CORROSION	INTERNAL	0	0	\$34,100	10	10	\$600
02/24/06	HL		TX	EASTLAND	CORROSION	INTERNAL	0	0	\$44,100	35	35	\$2,100
02/21/06	HL		TX	EASTLAND	CORROSION	INTERNAL	0	0	\$95,000	75	30	\$18,000
01/07/06	HL	TOLEDO	OH	LUCAS	CORROSION	EXTERNAL	0	0	\$94,900	1	0	\$200
Totals							0	1	\$56,652,909	28,497	16,697	\$1,167,240

Notes

- A. For years 2002 and later, property damage is estimated as the sum of all public and private costs reported in the 30-day incident report. All costs shown are as reported by the operator at the time of the incident.
- B. Starting Sept 2013, this column displays "volume released unintentionally" for all years after 2009. Before Sept 2013, the column displayed the sum of "volume released unintentionally" and "volume released intentionally" for all years after 2009.
- C. Net Barrels Lost applies only to Liquid incidents and is the difference between Gross Barrels Spilled and Barrels Recovered.
- D. Value of product lost is the estimated value of the released product at the time the report was made.

Sources

- 1. Operator specifics are obtained from self-reported annual reports since 2006. Unless otherwise noted, the most recently submitted report is used as the basis for the information here. Raw data files are available from the [PHMSA Data and Statistics](#) page. Please note that PHMSA's Office of Pipeline Safety is continually checking the quality and accuracy of these reports, therefore data presented here may change as we receive supplementary information from operators. Ascertainment date: February 1, 2018.
- 2. [PHMSA Flagged Incidents File](#) - February 28, 2018. Note: Incidents occurring up to 30 days prior to the Incident File source date may not appear in these reports due to the 30-day reporting period allowed by PHMSA regulation.

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