NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil penalty as provided in 49 USC 60122.

OMB NO: 2137-0635

EXPIRATION DATE: 4/30/2022



U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration

## **INCIDENT REPORT - GAS DISTRIBUTION** SYSTEM

Report Date REPORT\_RECEIVED\_DATE REPORT\_NUMBER
No. SUPPLEMENTAL\_NUMBER (DOT Use Only)

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0635. Public reporting for this collection of

information is estimated to be approximately 12 ho completing and reviewing the collection of informa this burden estimate or any other aspect of this co	but of Number for this information collection is 2137-0033. Fulfile reporting for this collection of ours per response, including the time for reviewing instructions, gathering the data needed, and ation. All responses to this collection of information are mandatory. Send comments regarding oblection of information, including suggestions for reducing this burden to: Information Collection ty (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.			
INSTRUCTIONS				
information requested and provide spec	instructions for completing this form before you begin. They clarify the ific examples. If you do not have a copy of the instructions, you can obtain mmunity Web Page at <a href="http://www.phmsa.dot.gov/pipeline/library/forms">http://www.phmsa.dot.gov/pipeline/library/forms</a> .			
PART A – KEY REPORT INFORMATION	Report Type: (select all that apply)			
A1. Operator's OPS-issued Operator Identification A2. Name of Operator:auto-populated base	Number (OPID): /_ / / / OPERATOR_ID  ed on OPID			
A3. Address of Operator:				
A3a auto-populated based on OPID	OPERATOR_STREET_ADDRESS			
(Street Address) A3bauto-populated based on OPID OPERATOR_CITY_NAME (City)				
A3c. State: auto-populated based on OPID / /	/ OPERATOR_STATE_ABBREVIATION			
A3d. Zip Code: auto-populated based on OPID [_	-         OPERATOR_POSTAL_CODE			
A4. Earliest local time (24-hr clock) and date an in LOCAL_DATETIME / LOCAL_DATETIME / Day  Hour TIME_ZONE  A4a. Time Zone for local time (select only one)	cident reporting criteria was met:  \[ \frac{l}{I} \] \text{Year} \] Alaska \[ \O \text{ Eastern } \O \text{ Central } \O \text{ Hawaii-Aleutian } \O \text{ Mountain } \O \text{ Pacific.}			
A4b. Daylight Saving in effect? O Yes O No I	DAYLIGHT_SAVINGS_IND			
A5. Location of Incident:				
A5a. LOCATION_STREET_ADDRESS	(Street Address or location description)			
A5b. LOCATION_CITY_NAME	(City)			
A5c. LOCATION_COUNTY_NAME	(County or Parish)			
A5d. State: // LOCATION_STATE_ABBRI	EVIATION			
A5e. Zip Code: / / / / / /- / /				
A5f. Latitude:				
Longitude: - / / / /. / / / / /	_/ LOCATION_LONGITUDE			

COMMODITY_RELEASED_TYPE  A6. Gas released: (select only one, based on predominant volume re  \[ \begin{align*} \text{Natural Gas} \\ \text{Propane Gas} \\ \text{Synthetic Gas} \\ \text{Hydrogen Gas} \\ \text{Landfill Gas} \\ \text{Other Gas} \times *Name: \text{COMMODITY_DETAILS} \\  A7. Estimated volume of gas released unintentionally: \text{UNINTENTIALS} \\  A8. Estimated volume of intentional and controlled release/blowdown:	NTIONAL RELEASE  // 7 / / thousand standard cubic feet (mcf)  INTENTIONAL RELEASE		
A9. Were there fatalities? O Yes O No FATALITY_IND  If Yes, specify the number in each category:  A9a. Operator employees	A10. Were there injuries requiring inpatient hospitalization? O Yes O No INJURY IND  If Yes, specify the number in each category:  A10a. Operator employees		
A9b. Contractor employees NUM_CONTR_FATALITIES working for the Operator / / / / /	A10b. Contractor employees NUM_CONTR_INJURIES working for the Operator		
A9c. Non-Operator  emergency responders  NUM ER FATALITIES  / / / / /	A10c. Non-Operator NUM_ER_INJURIES emergency responders		
A9d. Workers working on the right-of-way, but NOT NUM_WORKER_FATALITIES associated with this Operator /_ / / / / NUM_GP_FATALITIES	A10d. Workers working on the right-of-way, but NOT associated with this Operator / / / / / NUM GP INJURIES		
A9e. General public <u>/ / / / /</u>	A10e. General public/_/		
A9f. Total fatalities (sum of above) <u>calculated</u> FATAL	A10f. Total injuries (sum of above) <u>calculated</u> INJURE		
A11. What was the Operator's initial indication of the Failure? (select only one) ACCIDENT_IDENTIFIER  SCADA-based information (such as alarm(s), alert(s), event(s), and/or volume or pack calculations)  Static Shut-in Test or Other Pressure or Leak Test Controller Air Patrol Notification from Public Notification from Third Party that caused the Incident  ACCIDENT_IDENTIFIER  Controller Controller Static Shut-in Test or Other Pressure or Leak Test Controller Static Shut-in Test or Other Press			
-	s", "Air Patrol", or "Ground Patrol by Operator or its contractor" is selected in		
	g for the Operator INCIDENT_IDENTIFIED_DATETIME		
A12. Local time operator identified failure / / / / / Hour	/ / / / / / / / / Month Day Year		
If A11 = Notification from Emergency Responder, skip questions A13 through A15. COMMUNICATION_STATE_FED_IND A13. Did the operator communicate with Local, State, or Federal Emergency Responders about the incident? O Yes O No If No, skip A14 and A15 PARTY_INITIATED_COMMUNICATION A14. Which party initiated communication about the incident? O Operator O Local/State/Federal Emergency Responder			
A15. Local time of initial Operator and Local/State/Federal Emergency	y Responder communication INITIAL_RESPONDER_COM_DATETIME		
ON_SITE_DATETIME  A16. Local time operator resources arrived on site	/// // Hour         // // Month         // // Day         Year           // Month         Day         Year		
A17. reserved			
A18. Local time (24-hr clock) and date of initial operator report to the N			
	RPT_DATETIME		
NRC_RPT_NUM  A19. Initial Operator National Response Center Report Number OR  O NRC Notification Required But Not Made			
A19a. Additional NRC Report numbers submitted by the operator: AD	DITIONAL_NRC_REPORT_NUMBERS		

A20. Method of Flow Control (select all that apply)
O "Key/Critical" Valve – inspected in accordance with Part 192.747 FLOW_CONT_KEY_CRIT_IND
O Main Valve other than "Key/Critical" FLOW_CONT_MAIN_VALVE_IND
O Service (curb) Valve FLOW_CONT_SERVICE_VALVE_IND
O Meter/Regulator shut-off Valve FLOW_CONT_METER_REG_IND
O Excess flow valve FLOW_CONT_EXCESS_FLOW_IND
O Squeeze-Off FLOW_CONT_SQUEEZE_OFF_IND
O Stopple fitting FLOW_CONT_STOPPLE_FITNG_IND
O Other – mandatory text field FLOW_CONT_OTHER_IND FLOW_CONT_OTHER_DETAIL
A21. Did the gas ignite? O Yes O No IGNITE_IND
If A21 = Yes, answer A21a through A21d.
A21a. Local time of ignition / / / / / / / / Month Day Year
A21b. How was the fire extinguished? HOW_EXTINGUISHED HOW EXTINGUISHED OTHER DETAIL
O Operator/Contractor O Local/State/Federal Emergency Responder O Allowed to burn out O Other, specify:
GAS_CONSUMED_BY_FIRE_IN_MCF
A21c. Estimated volume of gas consumed by fire (MCF): (must be less than or equal to A7.)
A21d. Did the gas explode? O Yes O No EXPLODE_IND
A22. Number of general public evacuated: / / /, / / NUM_PUB_EVACUATED

PART B – ADDITIONAL LOCATION INFORMATION
B1. Was the Incident on Federal land? O Yes O No FEDERAL
B2. Location of Incident: (select only one) LOCATION_TYPE
☐ Operator-controlled property
☐ Public property
☐ Private property
☐ Utility Right-of-Way / Easement
B3. Area of Incident: (select only one) INCIDENT_AREA_TYPE  Underground Specify: O Under soil O Under a building O Under pavement  Exposed due to excavation O In underground enclosed space (e.g., vault)  Exposed due to loss cover O Other INCIDENT_AREA_DETAILS
B3a. Depth-of-Cover (in): / /, / / DEPTH_OF_COVER OTHER_UNDERGROUND_FACILITIES
B3b. Were other underground facilities found within 12 inches of the failure location? O Yes O No
<ul> <li>□ Aboveground Specify: O Typical aboveground facility piping or appurtenance (e.g. valve or regulator station, outdoor meter set)</li> <li>○ Overhead crossing</li> <li>○ In or spanning an open ditch</li> <li>○ In other enclosed space</li> <li>○ Other INCIDENT_AREA_DETAILS</li> </ul>
☐ Transition Area Specify: O Soil/air interface O Wall sleeve O Pipe support or other close contact area O OtherINCIDENT_AREA_DETAILS
CROSSING  B4. Did Incident occur in a crossing? O Yes O No
If Yes, specify type below:  BRIDGE CROSSING IND  Bridge crossing ⇒ Specify: ○ Cased ○ Uncased BRIDGE_TYPE  RAILROAD CROSSING IND  Railroad crossing ⇒ (Select all that apply) ○ Cased ○ Uncased ○ Bored/drilled RAILROAD_TYPE  ROAD CROSSING IND  Road crossing ⇒ (Select all that apply) ○ Cased ○ Uncased ○ Bored/drilled ROAD_TYPE  WATER CROSSING IND  Water crossing ⇒ (Select all that apply) ○ Cased ○ Uncased ○ Bored/drilled WATER_TYPE
Name of body of water (If commonly known): WATER_NAME
Approx. water depth at time and location of Incident (ft): \(\frac{\lambda}{\lambda}, \frac{\lambda}{\lambda} \frac{\lambda}{\lambda} \tag{O Unknown}
<ul> <li>(select only one of the following) WATER_SUBTYPE</li> <li>Shoreline/Bank/Marsh crossing</li> <li>Below water, pipe in bored/drilled crossing</li> <li>Below water, pipe buried below bottom (NOT in bored/drilled crossing)</li> <li>Below water, pipe on or above bottom</li> </ul>

PART C – ADDITIONAL FACILITY INFORMATION			
C1. Indicate the type of pipeline system: PIPE_FACILIT  □ privately owned □ municipally owned □ investor owned □ cooperative □ Other ⇒ Specify: PIPE TYPE OTHER	.Y_ТУРЕ		
SYSTEM PART INVOLVED  C2. Part of system involved in Incident: (select only on  ☐ Main ☐ Main Valve ☐ Service ☐ Service Valve	☐ Service Riser ☐ Outside Meter/Regulator set ☐ Inside Meter/Regulator set  r/Metering Station ☐ Other mandatory text field SYSTEM_PART_DETAILS  // / / / or ○ Unknown		
When C2.is any value other than "Main", "Main Valve", "District Regulator/Metering Station", or "Other": CUSTOMER_TYPE  C2c. Indicate the customer type: (select only one) O Single Family Residential O Multi-Family Residential  Non-Residential with Meter capacity less than 1,000 scfh O Non-Residential with Meter Capacity 1,000 scfh of higher  C2d. Was an EFV installed on the service line before the time of the incident? O Yes O No WAS_EFV_INSTALLED_BEFORE_IND  If C2d = Yes, then C2e. Did the EFV activate? O Yes O No O Unable to determine EVF_ACTIVATION_IND  C2f. Was a curb valve installed on the service line before the time of the incident? O Yes O No CURB_VALVE_INST_BEFORE_INC_IND			
C3. When C2. is "Main" or "Service" answer C3a throug C3a. Nominal Pipe Size: / / / / /	h c and C4: // / PIPE_DIAMETER		
C3b. Pipe specification (e.g., API 5L, ASTM			
C3c. Pipe manufacturer: PIPE_MANUFAC	TURER or O Unknown		
MATERIAL_INVOLVED  C4. Material involved in Incident: ☐ Steel ☐ Cast ☐ Reconditioned Ca  C4a. If Steel ⇒ Specify seam type: STEEL_SEA	· · · · <del></del>		
O Longitudinal ERW - High Frequency O Single SANO Continuous Welded O Furnace Butt Welded O Seamless O Other ⇒ Specify: STEEL_SEAM_	N O Flash Welded O DSAW O Longitudinal ERW - Low Frequency O Longitudinal ERW – Unknown Frequency O Spiral Welded O Lap Welded		
C4b. If Steel ⇒ Specify wall thickness (inches):	WT_STEEL / / / / or □ Unknown		
PLASTIC_TYPE  C4c. If Plastic ⇒ Specify type: O Polyvinyl Chl O Polybutylene O Polyamide (F O Other ➡ Sp	(PB) O Polypropylene (PP) O Acrylonitrile Butadiene Styrene (ABS)  A) O Cellulose Acetate Butyrate (CAB)		
	PLASTIC_SDR WT_PLASTIC Ratio (SDR): /_ / / / or wall thickness: /_ /./ / or O Unknown		
RELEASE_TYPE Specify PE Pipe Material C5. Type of release involved: (select only one) PUNCT	WT_PLASTIC_UNKNOWN_IND  e of plastic in PART C, Question 4.c ⇒ MATERIAL PE_PIPE_CODE  Designation Code (i.e., 2406, 3408, etc.) PE / / / / / or O Unknown  URE AXIAL PUNCTURE CIRCUM  _/_/_/_in. (axial) by /_/_//_in. (circumferential)		
LEAK_TYPE ☐ Leak ➡ Select Type: O Pinhole O C	crack O Connection Failure O Seal or Packing O Other		
RUPTURE_ORIENT  ☐ Rupture   Select Orientation: O Circumfe	•		
RUPTURE_LENGT Approx. size: / _ / _ / _ / _ / _ / _ / _ / _ / _ /	in. (widest opening) by /_/_/_/_/in. (length circumferentially or axially)		

PART D – ADDITIONAL CONSEQUENCE INFORMATION		
D1. Class Location of Incident: (select only one) CLASS_LOCATI  ☐ Class 1 Location ☐ Class 2 Location ☐ Class 3 Location ☐ Class 4 Location	ION_TYPE	
D2. Estimated Property Damage :  D2a. Estimated cost of public and non-Operator private pr	EST_COST_OPER_PAID  operty damage \$ / / / /,/ / /,/ / /,/ /  EST_COST_PROP_DAMAGE	
D2b. Estimated cost of Operator's property damage & repo	airs \$ <u>                                    </u>	
D2c. Estimated cost of emergency response  D2d. Estimated other costs  Describe: EST_COST_OTHER_DETAILS	\$ <u>                                    </u>	
D2e. Total estimated property damage (sum of above)	\$ calculated	
Cost of Gas Released		
Cost of Gas in \$ per thousand standard cubic feet (mcf):		
D2f. Estimated cost of gas released unintentionally	OST_UNINTENTIONAL_RELEASE \$ calculated	
D2g. Estimated cost of gas released intentionally during co	COST_INTENTIONAL_RELEASE ontrolled release/blowdown \$ calculated	
D2h. Total estimated cost of gas released (sum of D2f and	d g) \$ calculated	
D2i. Estimated Total Cost (sum of D2e and D2h)	TOTAL_COST \$ calculated	
D3. Estimated number of customers out of service:  COMMERCIAL AFFECTED  D3a. Commercial entities / /,/ / / / INDUSTRIAL AFFECTED  D3b. Industrial entities / /,/ / / /  RESIDENCES AFFECTED  D3c. Residences / /,/ / / /		
<b>Injured Persons not included in A10</b> The number of persons in overnight are reported in A10. <i>If a person is included in A10, do</i>		
D4. Estimated number of persons with injuries requiring treatment		
If a person is included in D4, do not include them in D5.		
D5. Estimated number of persons with injuries requiring treatment	by EMTs at the site of incident: <a href="https://www.numents.com/numents/numents/"><u>NUM_INJURED_TREATED_BY_E</u></a>	МТ
Buildings Affected		
D6. Number of residential buildings affected (evacuated or require	ed repair or had gas service interrupted): NUM_RESIDENT_BUII	LDING_AFFCTD
D7. Number of business buildings affected (evacuated or required	repair or had gas service interrupted):	

PART E – ADDITIONAL OPERATING INFORMATION				
E1. Estimated pressure at the point and time of the Incident (psig):				
E2. Normal operating pressure at the point and time of the Incident (psig):// NORMAL_PSIG				
E3. Maximum Allowable Operating Pressure (MAOP) at the point and time of the Incident (psig): / / / / MOP_PSIG				
E3a. MAOP established by 49 CFR section: MOP_CFR_SECTION  □ 192.619 (a)(1) □ 192.619 (a)(2) □ 192.619 (a)(3) □ 192.619 (a)(4) □ 192.619 (c)  □ 192.621 m □ 192.623  MAOP_ESTABLISHED_DATE  E3b. Date MAOP established: / / / / / / / / / / / /				
Month Day Year				
ACCIDENT_PRESSURE  E4. Describe the pressure on the system relating to the Incident: (select only one)  Pressure did not exceed MAOP  Pressure exceeded MAOP, but did not exceed the applicable allowance in §192.201  Pressure exceeded the applicable allowance in §192.201  GAS_ODORIZED_SYSTEM_TYPE				
E5. Type of odorization system for gas at the point of failure: □ none □ drip □ injection pump □ by-pass □ wick □ combination of odorization types □ odorized by others □ Other, specify: GAS_ODORIZED_SYS_OTHER_DETA	AIL			
GAS_ODORIZED_LEVEL  E6. Odorant level near the point of failure measured after the failure: %LEL OR O Not Measured GAS_ODORIZED_LVL_NOT_MSRD_IN				
E7. Was a Supervisory Control and Data Acquisition (SCADA)-based system in place on the pipeline or facility involved in the Incident?  No SCADA_IN_PLACE_IND				
☐ Yes ➡ E7a. Was it operating at the time of the Incident? ☐ Yes ☐ No SCADA_OPERATING_IND				
E7b. Was it fully functional at the time of the Incident? O Yes O No SCADA_FUNCTIONAL_IND  E7c. Did SCADA-based information (such as alarm(s), alert(s), event(s), and/or volume or pack calculations) assist with t initial indication of the Incident? O Yes O No SCADA_DETECTION_IND  E7d. Did SCADA-based information (such as alarm(s), alert(s), event(s), and/or volume calculations) assist with the confirmed discovery of the Incident? O Yes O No SCADA_CONF_IND	he			
E8. Was an investigation initiated into whether or not the controller(s) or control room issues were the cause of or a contributing factor to the Incident? (select only one) INVESTIGATION_STATUS				
<ul> <li>☐ Yes, but the investigation of the control room and/or controller actions has not yet been completed by the operator (Supplementa Report required)</li> <li>☐ No, the facility was not monitored by a controller(s) at the time of the Incident</li> <li>☐ No, the operator did not find that an investigation of the controller(s) actions or control room issues was necessary due to: (provide an explanation for why the operator did not investigate)</li> <li>INVESTIGATION_STATUS_DETAILS</li> </ul>	ı <i>l</i>			
☐ Yes, Specify investigation result(s): (select all that apply) INVEST_SCHEDULE_IND  ☐ Investigation reviewed work schedule rotations, continuous hours of service (while working for the Operator) and other factors associated with fatigue INVEST_NO_SCHEDULE_IND				
O Investigation did NOT review work schedule rotations, continuous hours of service (while working for the Operator) and o factors associated with fatigue (provide an explanation for why not)  INVEST_NO_SCHEDULE_IND_DETAILS	ther			
O Investigation identified no control room issues INVEST_NO_CONTROL_ROOM_IND O Investigation identified no controller issues INVEST_NO_CONTROLLER_IND O Investigation identified incorrect controller action or controller error INVEST_INCORRECT_ACTION_IND O Investigation identified that fatigue may have affected the controller(s) involved or impacted the involved controller(s) response INVEST_FATIGUE_IND INVEST_INCORRECT_PROCEDURE_IND O Investigation identified incorrect procedures INVEST_INCORRECT_CONTROL_IND O Investigation identified incorrect control room equipment operation INVEST_MAINT_IND O Investigation identified maintenance activities that affected control room operations, procedures, and/or controller respon				
O Investigation identified areas other than those above   Describe:   INVEST_OTHER_IND  INVEST_OTHER_IND_DETAIL	_			

PART F – DRUG & ALCOHOL TESTING INFORMATION
F1. As a result of this Incident, were any Operator employees tested under the post-accident drug and alcohol testing requirements of DOT's Drug & Alcohol Testing regulations? <a href="mailto:EMPLOYEE_DRUG_TEST_IND">EMPLOYEE_DRUG_TEST_IND</a>
O No
O Yes 🖒 F1a. Specify how many were tested: / / / NUM_EMPLOYEES_TESTED
F1b. Specify how many failed: / / / NUM_EMPLOYEES_FAILED
F2. As a result of this Incident, were any Operator contractor employees tested under the post-accident drug and alcohol testing requirements of DOT's Drug & Alcohol Testing regulations? CONTRACTOR_DRUG_TEST_IND
O No
O Yes   → F2a. Specify how many were tested: / / / NUM_CONTRACTORS_TESTED
F2b. Specify how many failed: /_ / NUM_CONTRACTORS_FAILED

Select only one box from PART G in the shaded column on the left representing the APPARENT Cause of the Incident, and answer the questions on the right. Enter secondary, contributing, or root causes of the Incident in Part J – Contributing Factors

CAUSE **CAUSE DETAILS** root causes of the Incident in Part J – Contributing Factors. G1 - Corrosion Failure - only one sub-cause can be picked from shaded left-hand column INTERNAL\_EXTERNAL VISUAL EXAM RESULTS □ External Corrosion 1. Results of visual examination: O Localized Pitting O General Corrosion O Other VISUAL\_EXAM\_DETAILS 2. Type of corrosion: (select all that apply) GALVANIC\_CORROSION\_IND, ATMOSPHERE\_CORROSION\_IND, STRAY\_CURRENT\_CORROSION\_IND MICROBIOLOGICAL CORROSION IND, SELECTIVE SEAM CORROSION IND
O Galvanic O Atmospheric O Stray Current O Microbiological O Selective Seam O Other OTHER\_CORROSION\_IND CORROSION\_TYPE\_DETAILS STRAY CURRENT TYPE 2a. If 2. is Stray Current, specify O Alternating Current O Direct Current AND 2b. Describe the stray current source: STRAY\_CURRENT\_DETAILS 3. The type(s) of corrosion selected in Question 2 is based on the following: (select all that apply) FIELD EXAM BASIS IND METALLURGICAL BASIS IND O Field examination O Determined by metallurgical analysis O Other OTHER\_BASIS\_IND CORROSION BASIS DETAILS 4. Was the failed item buried or submerged? **UNDERGROUND\_LOCATION** O Yes <code-block> 4a. Was failed item considered to be under cathodic protection at the time of</code> the incident? UNDER\_CATHODIC\_PROTECTION\_IND O Yes 

→ Year protection started: 

CATHODIC\_PRO\_START\_YEAR SHIELDING EVIDENT 4b. Was shielding, tenting, or disbonding of coating evident at the point of the incident? O Yes O No CATHODIC SURVEY TYPE 4c. Has one or more Cathodic Protection Survey been conducted at the point of the incident? (select all that apply) CP ANNUAL SURVEY IND CP ANNUAL SURVEY YEAR O Yes, CP Annual Survey ⇒ Most recent year conducted: **CLOSE INTERVAL SURVEY YEAR** CLOSE INTERVAL SURVEY IND O Yes, Close Interval Survey ⇒ Most recent year conducted: / / / / / OTHER CP SURVEY YEAR OTHER CP SURVEY IND O Yes, Other CP Survey ⇒ Most recent year conducted: 1 1 1 1 1 Describe Other CP Survey: OTHER\_CP\_SURVEY\_DETAILS O No EXTERNALLY COATED O No 🖒 4d. Was the failed item externally coated or painted? O Yes O No PRIOR DAMAGE 5. Was there observable damage to the coating or paint in the vicinity of the corrosion? O Yes O No O N/A Bare/Ineffectively Coated Pipe 6. Pipeline coating type, if steel pipe is involved: (select only one) COATING TYPE O Epoxy O Coal Tar O Asphalt O Polyolefin O Extruded Polyethylene O Cold Applied Tape O Paint O Composite O None

O Unknown

6a. Field Applied?

O Other COATING\_TYPE\_DETAILS

Y, N, or Unknown FIELD\_APPLIED IND

□ Internal Corrosion  INT_LOW	INT_VISUAL_EXAM_RESULTS  7. Results of visual examination:  O Localized Pitting O General Corrosion O Not cut open O Other INT_VISUAL_EXAM_DETAILS  8. Cause of corrosion: (select all that apply)  INT_CORROSIVE INT_WATER INT_MICROBIOLOGICAL INT_EROSION_IND O Corrosive Commodity O Water drop-out/Acid O Microbiological O Erosion O Other INT_OTHER_CORROSION_IND INT_CORROSION_TYPE_DETAILS  9. The cause(s) of corrosion selected in Question 8 is based on the following; (select all that apply) INT_FIELD_EXAM_BASIS_IND INT_METALLURGICAL_BASIS_IND O Field examination O Determined by metallurgical analysis O Other INT_OTHER_BASIS_IND INT_CORROSION_BASIS_DETAILS  10. Location of corrosion: (select all that apply) POINT_PIPE_LOC_IND INT_ELBOW_LOC_IND INT_DROP_OUT_LOC_IND O Low point in pipe O Elbow O Drop-out O Other INT_OTHER_LOC_IND CORROSION_LOCATION_DETAILS CORROSION_INHIBITOR  11. Was the gas/fluid treated with corrosion inhibitors or biocides? O Yes O No LIQUID_FOUND  12. Were any liquids found in the distribution system where the Incident occurred?			
	O Yes O No			
Complete the following if any Corrosion Failure sub-cause is selected AND the "Part of system involved in Incident" (from PART C, Question 2) is Main, Service, or Service Riser.  COR_HYDROTEST_LEAK_SURVEY_DATE  13. Date of the most recent Leak Survey conducted:   / / /   / / /   / /   / /    COR_HYDROTEST_CONDUCTED_IND   Month   Day   Year  14. Has one or more pressure test been conducted since original construction at the point of the Incident?  O Yes   Most recent year tested:   / / /   Test pressure (psig):   / / / /    O No   COR_HYDROTEST_CONDUCTED_YEAR   COR_HYDROTEST_PRESSURE				
G2 - Natural Force Damage - only one sub-cause can be picked from shaded left-handed column  NATURAL_FORCE_TYPE				
☐ Earth Movement, NOT due to Heavy Rains/Floods	EARTH_SUBTYPE  1. Specify: O Earthquake O Subsidence O Landslide O Other NF_OTHER_DETAILS			
☐ Heavy Rains/Floods	HEAVY_RAINS_SUBTYPE  2. Specify: O Washouts/Scouring O Flotation O Mudslide O Other OTHER_DETAILS			
☐ Lightning	LIGHTNING_SUBTYPE  3. Specify: O Direct hit O Secondary impact such as resulting nearby fires			
☐ Temperature	TEMPERATURE_SUBTYPE  4. Specify: O Thermal Stress O Frost Heave O Frozen Components O Other NF_OTHER_DETAILS			
☐ High Winds				
☐ Tree/Vegetation Roots				
☐ Damage from Snow/Ice Impact or Accumulation				
☐ Other Natural Force Damage	5. Describe: NF_OTHER_DETAILS			
Complete the following if any Natural Force D	amage sub-cause is selected.  NF_EXTREME_WEATHER_IND  generated in conjunction with an extreme weather event? O Yes O No			
NF_HURRICANE_IND NF_TROPICAL_STORM_IND NF_TORNADO_IND  6.a. If Yes, specify: (select all that apply) O Hurricane O Tropical Storm O Tornado O Other NF_OTHER_IND NF_EXTREME_WEATHER_DETAILS				

G3 - Excavation Damage - only one sub-cause can be picked from shaded left-hand column  PARTY_TYPE					
☐ Excavation Damage by Operator (First Party)					
☐ Excavation Damage by Operator's Contractor (Second Party)					
☐ Excavation Damage by Third Party					
☐ Previous Damage due to Excavation Activity	Question 2) is Main, Service  1. Date of the most recent I  EX_HYDROTEST_CONDU  2. Has one or more pressul Incident?  ○ Yes ➡ Most	Leak Survey conducted: /	nvolved in Incident" (from PART C,  YDROTEST_LEAK_SURVEY_DATE		
Complete the following if Excavation Damage	by Third Party is selected.				
3. Did the operator get prior notification of the e		O No			
ONE_CALL_SYSTEM_IND EXCAVATOR_IND CONTRACTOR_IND LANDOWNER_IND  3a. If Yes, Notification received from: (select all that apply)  One-Call System  O Excavator  O Contractor  O Landowner  3b. Per the primary Incident Investigator report, did State law exempt the excavator from notifying the one-call center?  O Yes  O No  O Unknown					
Complete the following mandatory CGA-DIRT	Program guestions if any Ex	cavation Damage sub-caus	se is selected.		
	Complete the following mandatory CGA-DIRT Program questions if any Excavation Damage sub-cause is selected.  4. Do you want PHMSA to upload the following information to CGA-DIRT (www.cga-dirt.com)? OYes O No NOTIFY_CGA_DIRT				
5. Right-of-Way where event occurred: (select	•	m.oga am.oom).			
PUBLIC_ROW_IND  PUBLIC_SUBTYPE  Public Specify: O City Street O State Highway O County Road O Interstate Highway O Other PRIVATE ROW_IND  Private Specify: O Private Landowner O Private Business O Private Easement  Pipeline Property/Easement PIPELINE_EASEMENT_ROW_IND  Power/Transmission Line POWER_TRANSMISSION_ROW_IND  Railroad RAILROAD_ROW_IND  Dedicated Public Utility Easement PUBLIC_UTIL_EASEMENT_ROW_IND  Federal Land FEDERAL_LAND_ROW_IND  Data not collected DATA_NOT_COLLECTED_ROW_IND  Unknown/Other UNKNOWN_ROW_IND					
* * * * * * * * * * * * * * * * * * * *	VATOR_TYPE	0			
The state of the s	Developer O Farmer Utility O Data no		O Occupant O Unknown/Other		
7. Type of excavation equipment: (select only of O Auger O Backhoe/Trackho O Explosives O Farm Equipment O Probing Device O Trencher	one) EXCAVATOR_EQUIPME  De O Boring	NT O Drilling O Hand Tools	O Directional Drilling O Milling Equipment O Unknown/Other		
8. Type of work performed: (select only one)	WORK_PERFORMED				
O Agriculture O Cable TV O Drainage O Driveway	O Curb/Sidewalk O Electric	O Building Construction O Engineering/Surveying	O Building Demolition O Fencing		

O Natural Gas	O Pole O Public	c Transit A	uthority	O Railro	ad Maintenance	O Road Work	
O Sewer (Sanitary/Storm)	O Site Development O Steam			O Storm Drain/Culvert		OStreet Light	
O Telecommunications	OTraffic Signal	O Traffic S	Sign	O Wate	r	O Waterway Improvement	
O Data not collected	O Unknown/Other						
9. Was the One-Call Center notifi		No If No	o, skip to q	uestion 13			
9a. If Yes, specify ticke		-		1 1 1 1	<u> </u>		
9b. If this is a State wh	ere more than a single ( LL_CENTER_NAME	One-Call C	enter exis	ts, list the n	ame of the One-Call	Center notified:	
LOCATOR_TYPE  10. Type of Locator:	O Utility Owner	O Contr	actor Loc	ator	O Data not collecte	ed O Unknown/Other	
VISIBLE_MARKS  11. Were facility locate marks vis	ible in the area of excav	ation?	O No	O Yes	O Data not collect	ted O Unknown/Other	
FACILITIES_MARKED  12. Were facilities marked correc SERVICE INTERRUPTIO	tly?		O No	O Yes	O Data not collec	ted O Unknown/Other	
13. Did the damage cause an inte	SERVICE	_INTERRU	O No	O Yes	O Data not collec	cted O Unknown/Other	
	ration of the interruption:		//	/ hours			
ROOT_CAUSE  14. Description of the CGA-DIRT	Root Cause (select only	v the one r	oredomina	nt first level	CGA-DIRT Root Ca	use and then. where available a	as
a choice, the one predominant se ONE_CALL_SUBTY	cond level CGA-DIRT R					, , , , , , , , , , , , , , , , , , , ,	
☐ One-Call Notification	n Practices Not Sufficie	nt:_(select	only one)				
	ation made to the One-C						
_	n to One-Call Center ma	ade, but no	t sufficient	t			
O Wrong info LOCATING_SUBTY	ormation provided						
	Not Sufficient: (select o	nlv one)					
_	uld not be found/located						
	arking or location not suf						
	as not located or marked						
	acility records/maps						
EXCAVATION SUBT	TVDF						
<u> </u>		t only one)					
_	☐ Excavation Practices Not Sufficient: (select only one)  ○ Excavation practices not sufficient (other)						
_		(outer)					
_	O Failure to maintain clearance O Failure to maintain the marks						
O Failure to maintain the marks O Failure to support exposed facilities							
O Failure to use hand tools where required							
O Failure to verify location by test-hole (pot-holing)							
O Improper backfilling							
☐ One-Call Notificatio	n Center Error						
☐ Abandoned Facility							
☐ Deteriorated Facility	Ĺ						
☐ <u>Previous Damage</u>							
☐ Data Not Collected			DOCT C	Hop of	on.		
Other / None of the	Above (explain)		KUUT_CA	AUSE_OTHI	LK		

G4 – Other Outside Force Dame	age – only one sub-cause can be selected from the shaded left-hand column			
☐ Nearby Industrial, Man-made, or Other Fire/Explosion as Primary Cause of Incident				
☐ Damage by Car, Truck, or Other Motorized Vehicle/Equipment NOT Engaged in Excavation	VEHICLE_SUBTYPE  1. Vehicle/Equipment operated by: (select only one) O Operator O Operator's Contractor O Third Party If this sub-cause is picked, complete questions 7-13 below.			
☐ Damage by Boats, Barges, Drilling Rigs, or Other Maritime Equipment or Vessels Set Adrift or Which Have Otherwise Lost Their Mooring	2. Select one or more of the following IF an extreme weather event was a factor:  OSF_HURRICANE_IND OSF_TROPICAL_STORM_IND OSF_TORNADO_IND  O Hurricane O Tropical Storm O Tornado  O Heavy Rains/Flood O Other OSF_OTHER_WEATHER_IND  OSF_HEAVY_RAINS_IND OSF_OTHER_WEATHER_DETAILS			
☐ Routine or Normal Fishing or Other Maritime Activity NOT Engaged in Excavation				
☐ Electrical Arcing from Other Equipment or Facility				
☐ Previous Mechanical Damage NOT Related to Excavation	Complete the following ONLY IF the "Part of system involved in Incident" (from PART C, Question 2) is Main, Service, or Service Riser. OSF_HYDROTEST_LEAK_SURVEY_DATE  3. Date of the most recent Leak Survey conducted:			
☐ Intentional Damage	5. Specify: INTENTIONAL_SUBTYPE O Vandalism O Terrorism O Theft of transported commodity O Theft of equipment O OtherINTENTIONAL_DETAILS			
☐ Erosion of Support Due to Other Utilities				
☐ Other Outside Force Damage	6. Describe: OSF_OTHER_DETAILS			
Complete the following if Damage by Car, Truc selected.	k, or Other Motorized Vehicle/Equipment NOT Engaged in Excavation sub-cause is			
DRIVER_ISSUED_CITATION	ON_IND led one or more citations related to the incident? O Yes O No O Unknown			
If 7. is Yes, what was the nature of the citations (s  O 7a. Excessive Speed O 7b. Reckless Driving O 7c. Driving Under the Influence CITATION OF CITA	elect all that apply)  EED_IND  CKLESS_IND  ON_DUI_IND  ER_IND _ CITATION_OTHER_DETAIL  The time of the collision? O Yes O No O Unknown  Expact (miles per hour)? or O Unknown  Cycle/ATV O Passenger Car O Small Truck O Bus O Large Truck			
11. Where did the vehicle travel from to hit the pipeline facility? (select only one)  O Roadway O Driveway O Parking Lot O Loading Dock O Off-Road  VEHICLE TRAVEL DISTANCE FT  12. Shortest distance from answer in 11. to the damaged pipeline facility (in feet):				
PROTECTIONS_INSTALLED_IND  13. At the time of the incident, were protections in	istalled to protect the damaged pipeline facility from vehicular damage? O Yes O No			
O 13c. Guard Rails PROTECTION GUA The state of the state	TON BOLLARDS POST IND s and fences PROTECTION_BARRICADES_IND RD_RAILS_IND			

G5 – Pipe, Weld, or Joint Failure – only one sub-cause can be selected from the shaded left-hand column PWJF_FAILURE_TYPE		
☐ Body of Pipe	PIPE_BODY_SUBTYPE  1. Specify: O Dent O Gouge O Bend O Arc Burn O Crack O Other PIPE_BODY_DETAILS	
☐ Butt Weld	BUTT_WELD_SUBTYPE  2. Specify: O Pipe O Fabrication O Other BUTT_WELD_DETAILS	
☐ Fillet Weld	FILLET_WELD_SUBTYPE  3. Specify: O Branch O Hot Tap O Fitting O Repair Sleeve O Other FILLET_WELD_DETAILS	
☐ Pipe Seam	PIPE_SEAM_SUBTYPE  4. Specify: O LF ERW O HF ERW O Flash Weld O DSAW O SAW O Spiral O Other PIPE_SEAM_DETAILS	
☐ Threaded Metallic Pipe		
□ Mechanical Joint Failure	MEC_FITTING_INVOLVED  5a. Specify the Mechanical Fitting Involved (select only one)  Stab	
□ Fusion Joint	PLASTIC_JOINT_SUBTYPE  6. Specify: ○ Butt, Heat Fusion ○ Butt, Electrofusion ○ Saddle, Heat Fusion ○ Saddle, Electrofusion ○ Socket, Heat Fusion ○ Socket, Electrofusion ○ Other PLASTIC_JOINT_DETAILS  7. Year installed:	
☐ Other Pipe, Weld, or Joint Failure	10. Describe: PWJF_FAILURE_DETAILS	

Complete the following if any Pipe, Weld, or ADDITIONAL_DENT_IND, ADDITIONAL_GOU	r Joint Failure sub-cause is selected. ADDITIONAL_ARC ADDITIONAL_ LACK_FUSION GE_IND, ADDITIONAL_PIPE_BEND_IND, BURN IND, CRACK_IND IND			
ADDITIONAL_LAMINATION_IND, ADDITION	AL_BUCKLE_IND, ADDITIONAL_WRINKLE_IND, ADDITIONAL_MISALIGNMENT_IND			
11. Additional Factors: (select all that apply) O Dent O Gouge O Pipe Bend O Arc Burn O Crack O Lack of Fusion O Lamination O Buckle O Wrinkle O Misalignment O Burnt Steel ADDITIONAL_BURNT_STEEL_IND O Other ADDITIONAL_OTHER_IND ADDITIONAL_FACTOR_DETAILS				
12. Was the Incident a result of: RESULT_CO	12. Was the Incident a result of: RESULT_CONSTRUCTION_IND RESULT_CONSTRUCTION_SUBTYPE			
☐ Construction defect, specify:  ☐ Construction defect, specify:				
☐ Design defect RESULT_DESIGN_IND				
☐ Previous damage RESULT_PREVIOU	IS_IND HYDROTEST CONDUCTED IND			
13. Has one or more pressure test been cond	lucted since original construction at the point of the Incident?			
O Yes ⇒ Most recent year tested: /	/			
O No HYDROTES	T_CONDUCTED_YEAR HYDROTEST_PRESSURE			
G6 – Equipment Failure- only o	ne <b>sub-cause</b> can be selected from the shaded left-hand column <b>EQ_FAILURE_TYPE</b>			
☐ Malfunction of Control/Relief	Specify: (select all that apply) INSTRUMENTATION IND SCADA IND			
	VALVE_IND O Control Valve O Instrumentation O SCADA  CATIONS_IND O Communications O Block Valve FAILURE IND  O CHECK_VALVE_IND  O Check Valve			
	LATIONS_IND O Communications  VALVE_IND O Relief Valve  O Power Failure  O Stopple/Control Fitting			
	VALVE_IND O Relief Valve O Power Failure O Stopple/Control Fitting  LATOR_IND O Pressure Regulator STOPPLE_CONTROL_FITTING_IND			
TRESSORE_REG	O Other OTHER_CONTROL_RELIEF_IND OTHER_CONTROL_RELIEF_DETAILS			
☐ Threaded Connection Failure	OTHER_STRIPPED_IND			
1 Threaded Connection Famure	Specify: O Pipe Nipple O Valve Threads O Threaded Pipe Collar     O Threaded Fitting O Other OTHER_STRIPPED_DETAILS			
	O Threaded Fitting O Other			
	OTHER_NON_THREADED_IND			
□ Non-threaded Connection Failure	3. Specify: O O-Ring O Gasket O Other Seal or Packing O Other OTHER NON THREADED DETAILS			
	O OtherOTHER_NON_THREADED_DETAILS			
	VALVE_OTHER_IND			
□ Valve	4. Specify: O Manufacturing defect O OtherVALVE_OTHER_DETAILS			
	4a. Valve type: <del>VALVE_TYPE</del>			
	4b. Manufactured by: EQ_MANUFACTURER			
	EQ MANUFACTURE YEAR 4c. Year manufactured: / / / / or O Unknown			
	VALVE_MATERIAL			
	4d. Valve Material: Steel Plastic Cast/Wrought Iron Ductile Iron			
	☐ Other, specify: mandatory text field <u>VALVE_MATERIAL_DETAILS</u>			
	5 Describe: EQ_FAILURE_DETAILS			
☐ Other Equipment Failure	5. Describe:			

G7 - Incorrect Operation - *only one sub-cause can be selected from the shaded left-hand column OPERATION_TYPE		
☐ Damage by Operator or Operator's Contractor NOT Related to Excavation and NOT due to Motorized Vehicle/Equipment Damage		
☐ Valve Left or Placed in Wrong Position, but NOT Resulting in an Overpressure		
☐ Pipeline or Equipment Overpressured		
☐ Equipment Not Installed Properly		
☐ Wrong Equipment Specified or Installed		
☐ Other Incorrect Operation	1. Describe: OPERATION_DETAILS	
Complete the following if any Incorrect Operati	ion sub-cause is selected.	
2. Was this Incident related to: (select all that apply)  O Inadequate procedure RELATED_INADEQUATE_PROC_IND  O No procedure established RELATED_NO_PROC_IND  O Failure to follow procedure RELATED_FAILURE_FOLLOW_IND  O Other:* RELATED_OTHER_IND OPERATION_RELATED_DETAILS  3. What category type was the activity that caused the Incident: CATEGORY_TYPE		
O Construction O Commissioning O Decommissioning O Right-of-Way activities O Routine maintenance O Other maintenance O Normal operating conditions O Non-routine operating conditions (above the conditions)		
	ed as a covered task in your Operator Qualification Program? O Yes O No	
<ul> <li>4a. If Yes, were the individuals performing the task(s) qualified for the task(s)?</li> <li>QUALIFIED_INDIVIDUALS</li> <li>O Yes, they were qualified for the task(s)</li> <li>O No, but they were performing the task(s) under the direction and observation of a qualified individual</li> <li>O No, they were not qualified for the task(s) nor were they performing the task(s) under the direction and observation of a qualified individual</li> </ul>		
G8 – Other Incident Cause – *only	y one <b>sub-cause</b> can be selected from the shaded left-hand column	
☐ Miscellaneous	1. Describe:MISC_DETAILS	
	UNKNOWN SUBTYPE  2. Specify: O Investigation complete, cause of Incident unknown  Mandatory comment field: INCIDENT_UNKNOWN_COMMENTS	
□ Unknown	O Still under investigation, cause of Incident to be determined*  (*Supplemental Report required)	

## PART J - CONTRIBUTING FACTORS The Apparent Cause of the accident is contained in Part G. Do not report the Apparent Cause again in this Part J. If Contributing Factors were identified, select all that apply below and explain each in the Narrative: External Corrosion Pipe/Weld Failure EXTRNL\_COR\_GALVANIC IND ☐ External Corrosion, Galvanic EXTRNL\_COR\_ATMOSPHERIC\_IND □ Design-related PWF\_DESIGN\_IND ☐ External Corrosion, Atmospheric COR\_STRAY\_CURRENT\_IND ☐ Construction-related PWF\_CONSTRUCTION\_IND ☐ External Corrosion, Stray Current Induced EXTRNL COR\_MICROBIOLOGIC\_IND PWF\_INSTALLATION\_IN ☐ External Corrosion, Microbiologically Induced EXTRNL COR SELECTIVE SEAM\_IND □ Installation-related ☐ Fabrication-related PWF\_FABRICATION IND ☐ Original Manufacturing-related PWF\_MANUFACTURING\_IND rnal Corrosion INTRNL COR CORROSIVE CMDTY IND Internal Corrosion, Corrosive Commodity INTRNL COR WTR DRPOUT ACID IND Internal Corrosion **Equipment Failure** EQF CONTROL RELEAF IND ☐ Malfunction of Control/Relief Equipment EQF\_THREADED\_COUPLING\_IND ☐ Internal Corrosion, Water drop-out/Acid MICROBIOLOGIC\_IND ☐ Threaded Connection/Coupling Failure ☐ Internal Corrosion, Microbiological INTRNL\_COR\_EROSION\_IND □ Non-threaded Connection Failure EQF\_NON\_THREADED\_IND ☐ Internal Corrosion, Erosion ☐ Valve Failure EQF VALVE FAILURE IND **Natural Forces** NF EARTH MOVEMENT IND Incorrect Operation ☐ Earth Movement, NOT due to Heavy Rains/Floods IO DAMAGE BY OPERATOR IND ☐ Damage by Operator or Operator's Contractor NOT Excavation ☐ Heavy Rains/Floods NF\_HEAVY\_RAINS\_IND and NOT Vehicle/Equipment Damage IO\_VALVE\_POSITION\_IND ☐ Lightning NF\_LIGHTNING\_IND ☐ Valve Left or Placed in Wrong Position, but NOT Resulting in ☐ Temperature NF\_TEMPERATURE IND Overpressure IO EQUIPMENT\_OVERPRESSURE\_IND ☐ High Winds NF\_HIGH\_WINDS\_IND □ Pipeline or Equipment Overpressured ☐ Snow/Ice NF\_SNOW\_ICE\_IND IO\_NOT\_INSTALLED\_PROPERLY\_IND ☐ Tree/Vegetation Root NF\_VEGITATION\_ROOT\_IND ☐ Equipment Not Installed Properly WRONG\_EQUIPMENT\_IND **Excavation Damage** EXCVTN DMG OPERATOR IND ☐ Wrong Equipment Specified or Installed □ Excavation Damage by Operator (First Party) EXCVIN DMC\_OP\_CONTRACTOR\_IND ☐ Inadequate Procedure IO\_INADEQUATE\_PROCEDURE\_IND □ Excavation Damage by Operator's Contractor (Second Party) □ EXCVIN DMG THIRD PARTY IND □ Excavation Damage by Third Party □ EXCVIN DMG PREVIOUS DAMAGE IND ☐ No procedure established IO\_NO\_PROCEDURE\_IND ☐ Failure to follow procedures IO\_FOLLOW\_PROCEDURE\_IND ☐ Previous Damage due to Excavation Activity Other Outside Force OSF NEARBY\_INDUSTRIAL\_IND ☐ Nearby Industrial, Man-made, or Other Fire/Explosion ☐ Damage by Car, Truck, or Other Motorized Vehicle/Equipment NOT Engaged in Excavation OSF BOAT IND ☐ Damage by Boats, Barges, Drilling Rigs, or Other Ādrift Maritime Equipment OSF OTHER MARITIME IND ☐ Routine or Normal Fishing or Other Maritime Activity NOT Engaged in Excavation OSF\_ELECTRICAL\_ARCING\_IND □ Electrical Arcing from Other Equipment or Facility OSF FREVIOUS MECHANICAL\_IND ☐ Previous Mechanical Damage NOT Related to Excavation OSF\_INTENTIONAL\_IND ☐ Intentional Damage ☐ Other underground facilities buried within 12 inches of the failure location OSF OTHER UNDERGROUND IND

PART H – NARRATIVE DESCRIPTION OF THE INCIDENT	(Attach additional sheets as necessary)
NARRATIVE	
PART I – PREPARER AND AUTHORIZED PERSON	
PREPARER_NAME	
Preparer's Name (type or print)	PREPARER_TELEPHONE  Preparer's Telephone Number
PREPARER_TITLE	Freparet S Telephone Number
Preparer's Title (type or print)	
PREPARER_EMAIL	PREPARER_FAX
Preparer's E-mail Address	Preparer's Facsimile Number
Local Contact Name: optional LOCAL_CONTACT_NAME Local Contact Email: optional LOCAL_CONTACT_EMAI LOCAL CONTACT_TELEPHONE	
AUTHORIZER_NAME	AUTHORIZER_TELEPHONE
Authorized Signer	Authorized Signer Telephone Number
AUTHORIZER_TITLE	AUTHORIZER_EMAIL
Authorized Signer's Title	Authorized Signer's E-mail Address

**Note:** Field names not on the form are as following:

Field Name	Field Name Description
DATAFILE_AS_OF	Data as of date
FF	Identify if incident was cause by fire first or not
SIGNIFICANT	Identify if record meets the significant criteria or not: If incident is NOT 'FF' and If there was fatality, injury, or total property damage is \$50K or more in 1984 dollars, then SIGNIFICANT='YES', else SIGNIFICANT='NO'.
SERIOUS	Identify if record meets the SERIOUS criteria or not: If there was fatality or injury and if FF criteria is false then SERIOUS = 'YES' else SERIOUS = 'NO'.
IYEAR	Year incident occurred, derived from accident date
EST_COST_OPER_PAID_CURRENT	Converted Property Damage to Current Year dollars
EST_COST_PROP_DAMAGE_CURRENT	Converted Property Damage to Current Year dollars
EST_COST_EMERGENCY_CURRENT	Converted Property Damage to Current Year dollars
EST_COST_OTHER_CURRENT	Converted Property Damage to Current Year dollars
EST_COST_UNINTENT_REL_CURRENT	Converted Property Damage to Current Year dollars
EST COST INTENT REL CURRENT	Converted Property Damage to Current Year dollars
TOTAL_COST_IN84	Converted Property Damage to 1984 dollars
TOTAL_COST_CURRENT	Converted Property Damage to Current Year dollars
MAP_CAUSE	Cause by PHMSA for 20 year incident trending
MAP_SUBCAUSE	SubCause by PHMSA for 20 year incident trending