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UTC Pipeline Safety Program

Sent via email to Marina Woodard at mwoodard@utc.wa.gov

1411 E. Mission, PO Box 3727 Spokane, WA 99220-3727

December 28, 2012

Mr. David Lykken Pipeline Safety Director Washington Utilities and Transportation Commission PO Box 47250 Olympia, WA. 98504-7250

Re: Forwarding Copy of Supplemental / Final Federal Incident Report 20110357

Dear Mr. Lykken:

Please find enclosed a copy of Avista's recently submitted Supplemental and Final Incident Report #20110357 that was electronically submitted on 12/27/12 to PHMSA. No new information was added to the Incident Report, only the fact that it was being submitted to close out the report.

Respectfully Submitted,

David R. Howell

Gas Compliance Manager

DRH/rkb

CC: Commission Correspondence File

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil penalty not to exceed 100,000 for each violation for each day that such violation persists except that the maximum civil penalty shall not exceed \$1,000,000 as provided in 49 USC 60122.

OMB NO: 2137-0522 EXPIRATION DATE: 01/31/2013

U.S Department of

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

Report Date: 09/22/2011

No. 20110357 - 15570

(DOT Use Only)

# INCIDENT REPORT - GAS DISTRIBUTION SYSTEM

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 2137-0522. Public reporting for this collection of information is estimated to be approximately 10 hours per response, including the time for reviewing instructions, gathering the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, PHMSA, Office of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

#### INSTRUCTIONS

Important: Please read the separate instructions for completing this form before you begin. They clarify the information requested and provide specific examples. If you do not have a copy of the instructions, you can obtain one from the PHMSA Pipeline Safety Community Web Page at <a href="http://www.phmsa.dot.gov/pipeline">http://www.phmsa.dot.gov/pipeline</a>.

Report Type: (select all that apply)	Original:	Supplemental:	Final:
rceport Type. (select all triat apply)		Yes	Yes
Last Revision Date	12/27/2012		
Operator's OPS-issued Operator Identification Number (OPID):	31232	A	
2. Name of Operator	AVISTA CORP		
3. Address of Operator:			
3a. Street Address	1411 East Mission		
3b. City	Spokane		
3c. State	Washington		
3d. Zip Code	99220		
4. Local time (24-hr clock) and date of the Incident:	05/16/2011 12:35	¥	
5. Location of Incident:			
5a. Street Address or location description	4th St. and 3rd Ave.		
5b. City	Odessa	#	
5c. County or Parish	Lincoln		
5d. State:	Washington		
5e. Zip Code:	99159		
5f. Latitude:	47.33258		
Longitude:	-118.685117		
6. National Response Center Report Number:	987277		
7. Local time (24-hr clock) and date of initial telephonic report to the National	08/25/2011 16:50		
Response Center:			
8. Incident resulted from:	Unintentional releas	e of gas	
9. Gas released:	Natural Gas		
- Other Gas Released Name:			
10. Estimated volume of gas released - Thousand Cubic Feet (MCF):		9	
11. Were there fatalities?	No		
- If Yes, specify the number in each category:			32
11a. Operator employees			
11b. Contractor employees working for the Operator			
11c. Non-Operator emergency responders			
11d. Workers working on the right-of-way, but NOT associated with this Operator			
11e. General public			
11f. Total fatalities (sum of above)			
12. Were there injuries requiring inpatient hospitalization?	No		
<ul> <li>If Yes, specify the number in each category:</li> </ul>			
12a. Operator employees			
12b. Contractor employees working for the Operator	20	vi	
12c. Non-Operator emergency responders			
12d. Workers working on the right-of-way, but NOT associated with this Operator			
12e. General public		3.0	1
12f. Total injuries (sum of above)			
13. Was the pipeline/facility shut down due to the incident?	No		
- If No, Explain:	Minor gas leak in Pl	E pipe over undetermined amo	ount of tim

- If Yes, complete Questions 13a and 13b: (use local time, 24-hr clock)	
13a, Local time and date of shutdown:	
13b. Local time pipeline/facility restarted:	
- Still shut down? (* Supplemental Report Required)	N.
14. Did the gas ignite?	No
15. Did the gas explode?	No
16. Number of general public evacuated:	0
17. Time sequence (use local time, 24-hour clock):	T
17a. Local time operator identified Incident:	05/16/2011 12:38
17b. Local time operator resources arrived on site:	05/16/2011 14:10
PART B - ADDITIONAL LOCATION INFORMATION	
1. Was the Incident on Federal land?	No
Location of Incident     Location of Incident	Utility Right-of-way / Easement
3. Area of Incident:	Underground
Specify:	Under soil
If Other, Describe:	Olidor doll
Depth of Cover:	24
4. Did Incident occur in a crossing?	No No
	INO
- If Yes, specify type below:	2
- If Bridge crossing –	
Cased/ Uncased:	
- If Railroad crossing –	
Cased/ Uncased/ Bored/drilled	
- If Road crossing –	
Cased/ Uncased/ Bored/drilled	
- If Water crossing –	
Cased/ Uncased	
Name of body of water (If commonly known):	9
Approx. water depth (ft):	
PART C - ADDITIONAL FACILITY INFORMATION	
Indicate the type of pipeline system:	Natural Gas Distribution, privately owned
- If Other, specify:	
Part of system involved in Incident:	Service
- If Other, specify:	
2a. Year "Part of system involved in Incident" was installed:	1979
Unknown?	
3. When "Main" or "Service" is selected as the "Part of system involved in Incide	nt" (from PART C. Question 2), provide the following:
3a. Nominal diameter of pipe (in):	1.5
3b. Pipe specification (e.g., API 5L, ASTM D2513):	ASTM D 2513
Sb. Pipe specification (e.g., APT 5L, ASTM D2515).  Unknown?	A31W D 2313
A REPORT OF THE PROPERTY OF TH	Dunant
3c. Pipe manufacturer:	Dupont
Unknown?	
3d. Year of manufacture:	
Unknown?	Yes
Material involved in Incident:	Plastic
- If Other, specify:	
4a. If Steel, Specify seam type:	
None/Unknown?	0
4b. If Steel, Specify wall thickness (inches):	
Unknown?	
4c. If Plastic, Specify type:	Polyethylene (PE)
- If Other, describe:	
4d. If Plastic, Specify Standard Dimension Ratio (SDR):	7
Or wall thickness:	
Unknown?	
4e. If Polyethylene (PE) is selected as the type of plastic in Part C, Que	estion 4 c:
- Specify PE Pipe Material Designation Code (i.e. 2406, 3408,	2406
etc.)	
Unknown?	*
Type of release involved:	Leak
	Loan
- If Mechanical Puncture - Specify Approx size:	
Approx. size: in. (axial):	
in. (circumferential):	Crook
- If Leak - Select Type:	Crack
- If Other, Describe:	
- If Rupture - Select Orientation:	

- If Other, Describe:	E CONTRACTOR DE
Approx. size: (widest opening):	6
(length circumferentially or axially):	
- If Other - Describe:	
PART D - ADDITIONAL CONSEQUENCE INFORMATION	
1. Class Location of Incident :	Class 3 Location
2. Estimated cost to Operator :	¢ c5 000
2a. Estimated cost of public and non-Operator private	\$ 65,332
property damage paid/reimbursed by the Operator  2b. Estimated cost of gas released	\$ 0
2c. Estimated cost of gas released  2c. Estimated cost of Operator's property damage & repairs	\$ 11,168
2d. Estimated cost of Operator's emergency response	\$ 2,500
2e. Estimated other costs	\$ 0
- Describe:	
2f. Estimated total costs (sum of above)	\$ 79,000
Estimated number of customers out of service:	
3a. Commercial entities_	0
3b. Industrial entities	0
3c. Residences	1
PART E - ADDITIONAL OPERATING INFORMATION     Estimated pressure at the point and time of the Incident (psig):     Normal operating pressure at the point and time of the Incident (psig):     Marian operating pressure at the point and time of the Incident (psig):	35.00 35.00 60.00
<ol><li>Maximum Allowable Operating Pressure (MAOP) at the point and time of the Incident (psig):</li></ol>	00.00
4. Describe the pressure on the system relating to the Incident:	Pressure did not exceed MAOP
5. Was a Supervisory Control and Data Acquisition (SCADA) based system in	No
place on the pipeline or facility involved in the Incident?	
- If Yes:	
5a. Was it operating at the time of the Incident?	T and the second
5b. Was it fully functional at the time of the Incident?	
5c. Did SCADA-based information (such as alarm(s), alert(s),	
event(s), and/or volume or pack calculations) assist with the	er a
detection of the Incident?	
5d. Did SCADA-based information (such as alarm(s), alert(s), event(s), and/or volume calculations) assist with the confirmation of	1.
the Incident?	
6. How was the Incident initially identified for the Operator?	Ground Patrol by Operator or its contractor
6a. If "Controller", "Local Operating Personnel, including contractors", "Air Patrol", or "Ground Patrol by Operator or its	Contractor working for the Operator
contractor" is selected in Question 6, specify the following:	
- If Other, Specify:	
7. Was an investigation initiated into whether or not the controller(s) or control	No, the facility was not monitored by a controller(s) at the time
room issues were the cause of or a contributing factor to the Incident?	of the Incident
- If No, the operator did not find that an investigation of the controller(s)	
actions or control room issues was necessary due to: (provide an	
explanation for why the operator did not investigate)	
- If Yes, Specify investigation result(s) (select all that apply):	u .
<ul> <li>Investigation reviewed work schedule rotations, continuous hours of service (while working for the Operator), and other factors associated with fatigue</li> </ul>	
<ul> <li>Investigation did NOT review work schedule rotations, continuous hours of service (while working for the Operator), and other factors</li> </ul>	
associated with fatigue	
- Provide an explanation for why not: - Investigation identified no control room issues	
- Investigation identified no control room issues - Investigation identified no controller issues	5
Investigation identified incorrect controller action or controller error	X
<ul> <li>Investigation identified that fatigue may have affected the</li> </ul>	
controller(s) involved or impacted the involved controller(s) response	
- Investigation identified incorrect procedures	
Investigation identified incorrect control room equipment operation  Investigation identified maintenance activities that affected control  Investigation identified incorrect control room equipment operation  Investigation identified incorrect control room equipment operation  Investigation identified incorrect control room equipment operation  Investigation identified maintenance activities that affected control room equipment operation  Investigation identified maintenance activities that affected control room equipment operation  Investigation identified maintenance activities that affected control room equipment operation  Investigation identified maintenance activities that affected control room equipment operation is a second or room of the control room equipment operation in the control room equipment operation is a second or room of the control room equipment of the control roo	
<ul> <li>Investigation identified maintenance activities that affected control room operations, procedures, and/or controller response</li> </ul>	
- Investigation identified areas other than those above	
Describe:	

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?	No
- If Yes:	
1a. Specify how many were tested:	
1b. Specify how many failed:	
1074500 et 1 106600 € 10075000 10000000 € 2000000000	Å
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?	No
- If Yes:	
2a. Specify how many were tested:	
2b. Specify how many failed:	
PART G - CAUSE INFORMATION	
Select only one box from PART G in shaded column on left representing the App right. Describe secondary, contributing, or root causes of the Incident in the narra	
Apparent Cause:	G5 - Material Failure of Pipe or Weld
G1 - Corrosion Failure - only one sub-cause can be picked from shaded let	ft-hand column
Corrosion Failure Sub-Cause:	
- If External Corrosion:	
Results of visual examination:	
- If Other, Specify:	
2. Type of corrosion:	
- Galvanic	
- Atmospheric	
- Stray Current	
- Microbiological	
- Selective Seam	3
- Other	· · · · · · · · · · · · · · · · · · ·
- If Other, Describe:	
3. The type(s) of corrosion selected in Question 2 is based on the following:	
- Field examination	
- Determined by metallurgical analysis	
- Other	
- If Other, Describe:	
Was the failed item buried under the ground?	
- If Yes:	
4a. Was failed item considered to be under cathodic protection at the time of the incident?  - If Yes, Year protection started:	
4b. Was shielding, tenting, or disbonding of coating evident at the	
point of the incident?  4c. Has one or more Cathodic Protection Survey been conducted at	
the point of the incident?	
If "Yes, CP Annual Survey" - Most recent year conducted:	
If "Yes, Close Interval Survey" – Most recent year conducted:	
If "Yes, Other CP Survey" – Most recent year conducted:	
- If No:	
4d. Was the failed item externally coated or painted?	
5. Was there observable damage to the coating or paint in the vicinity of the corrosion?	e
6. Pipeline coating type, if steel pipe is involved:	*
- If Other, Describe:	
- If Internal Corrosion:	
7. Results of visual examination:	- 4
- If Other, Describe:	a 15
Cause of corrosion (select all that apply):     Corrosive Commodity	
- Water drop-out/Acid - Microbiological	
- Microbiological - Erosion	
- Closion - Other	
- Other - If Other, Specify:	
The cause(s) of corrosion selected in Question 8 is based on the following: (see	elect all that apply):
- Field examination	soot all trut apprys.
, lord overmination	

	×
<ul> <li>Determined by metallurgical analysis</li> </ul>	
- Other	7.0
- If Other, Describe:	
10. Location of corrosion (select all that apply):	
- Low point in pipe	
- Elbow	
- Drop-out	
- Other	
- If Other, Describe:	
11. Was the gas/fluid treated with corrosion inhibitor or biocides?	8
12. Were any liquids found in the distribution system where the Incident occurred?	*
Complete the following if any Corrosion Failure sub-cause is selected AND the Question 2) is Main, Service, or Service Riser.	e "Part of system involved in incident" (from PART C,
13. Date of the most recent Leak Survey conducted	
14. Has one or more pressure test been conducted since original construction at the point of the Incident?	V
- If Yes:	
Most recent year tested: Test pressure:	
G2 - Natural Force Damage - only one sub-cause can be picked from share	ded left-handed column
Natural Force Damage – Sub-Cause:	
- If Earth Movement, NOT due to Heavy Rains/Floods:	
1. Specify:	
- If Other, Specify:	
- If Heavy Rains/Floods:	
2. Specify:	
- If Other, Specify:	
- If Lightning:	
3. Specify:	
- If Temperature:	
4. Specify:	
- If Other, Specify:	
- If High Winds:	
- Other Natural Force Damage:	
5. Describe:	
Complete the following if any Natural Force Damage sub-cause is selected.	2
6. Were the natural forces causing the Incident generated in conjunction with	
an extreme weather event?	
6.a If Yes, specify (select all that apply):	
- Hurricane	*
- Tropical Storm	
- Tornado	
- Other	
- If Other, Specify:	
G3 - Excavation Damage - only one sub-cause can be picked from shaded	left-hand column
Excavation Damage – Sub-Cause:	
- If Excavation Damage by Operator (First Party):	
- If Excavation Damage by Operator's Contractor (Second Party):	
- If Excavation Damage by Third Party:	
- If Previous Damage due to Excavation Activity:	
Complete the following ONLY IF the "Part of system involved in Incident" (from	n Part C, Question 2) is Main, Service, or Service Riser.
Date of the most recent Leak Survey conducted	
Has one or more pressure test been conducted since original construction at the point of the Incident?	5
- If Yes:	
Most recent year tested:	MILE SCHOOL SCHO
Test pressure:	

Complete the following if Excavation Damage by Third Party is selected.	
<ol><li>Did the operator get prior notification of the excavation activity?</li></ol>	
3a. If Yes, Notification received from: (select all that apply):	
- One-Call System	
- Excavator - Contractor	
- Contractor - Landowner	
T/	
Complete the following mandatory CGA-DIRT Program questions if any Exce	avation Damage sub-cause is selected.
Do you want PHMSA to upload the following information to CGA-DIRT (	g .
www.cga-dirt.com)?	
Right-of-Way where event occurred (select all that apply):	
- Public	
- If Public, Specify:	
- If Private, Specify:	
- Pipeline Property/Easement	
- Power/Transmission Line	1.2
- Railroad	
- Dedicated Public Utility Easement	
- Federal Land - Data not collected	*
- Data not collected - Unknown/Other	
6. Type of excavator:	
7. Type of excavation equipment:	*
8. Type of work performed :	0.000
9. Was the One-Call Center notified?	
9a. If Yes, specify ticket number:	
9b. If this is a State where more than a single One-Call Center exists, list	
the name of the One-Call Center notified:  10. Type of Locator:	
11. Were facility locate marks visible in the area of excavation?	
12. Were facilities marked correctly?	
13. Did the damage cause an interruption in service?	
13a. If Yes, specify duration of the interruption:	6
14. Description of the CGA-DIRT Root Cause (select only the one predominant	first level CGA-DIRT Root Cause and then, where available as a
choice, the one predominant second level CGA-DIRT Root Cause as well):  - Root Cause Description:	
Root Cause Description:     If One-Call Notification Practices Not Sufficient, specify:	The state of the s
- If Locating Practices Not Sufficient, specify:	
- If Excavation Practices Not Sufficient, specify:	
<ul> <li>If Other/None of the Above (explain), specify:</li> </ul>	
04 04 0 0 4 4 5 5 0	
G4 - Other Outside Force Damage - only one sub-cause can be selected	from the shaded left-hand column
Other Outside Force Damage - Sub-Cause:	
- If Nearby Industrial, Man-made, or Other Fire/Explosion as Primary Caus	o of Incident:
- Il Nearby Industrial, Mari-made, of Other Pire/Explosion as Primary Caus	e of incident.
- If Damage by Car, Truck, or Other Motorized Vehicle/Equipment NOT Eng	rand in Excavation:
Vehicle/Equipment operated by:	aged in Excavation.
If Damage by Boats, Barges, Drilling Rigs, or Other Maritime Equipment	or Vassals Set Adrift or Which Have Otherwise Lost Their
Mooring:	or vessels det Admit of Willon Have Otherwise Lost Their
Select one or more of the following IF an extreme weather event was a factor	!
- Hurricane	11
- Tropical Storm	
- Tornado	
- Heavy Rains/Flood	
- Other - If Other, Specify:	
	I .
- If Routine or Normal Fishing or Other Maritime Activity NOT Engaged in	excavation:
If Floatsical Assissantians Other Foods and Foods	
- If Electrical Arcing from Other Equipment or Facility:	
- If Previous Mechanical Damage NOT Related to Excavation:	t C. Quagtian (1) in Main Candas as Candas Siera
Complete the following ONLY IF the "Part of system involved in Incident" (from Part 3. Date of the most recent Leak Survey conducted:	t o, question zj is iviain, service, or service Riser.
o. Date of the most recent Loan our vey conducted.	

4. Has one or more pressure test been conducted since original construction	8
at the point of the Incident?	
- If Yes:	
Most recent year tested:  Test pressure (psig):	
- If Intentional Damage:	AS .
5. Specify:	
- If Other, Specify:	
- If Other Outside Force Damage:	
6. Describe:	
G5 - Pipe, Weld, or Joint Failure - only one sub-cause can be selected from	n the shaded left-hand column
Pipe, Weld or Joint Failure – Sub-Cause:	Body of Pipe
- If Body of Pipe:	
1. Specify:	Crack
- If Other, Describe:	
- If Butt Weld:	
2. Specify:	
- If Other, Describe:	
- If Fillet Weld: 3. Specify:	
- If Other, Describe:	
- If Pipe Seam:	
4. Specify:	
- If Other, Describe:	
- If Threaded Metallic Pipe:	
- If Mechanical Fitting:	
Specify the mechanical fitting involved:	
- If Other, Describe:	
Specify the type of mechanical fitting:     - If Other, Describe:	
7. Manufacturer:	
8. Year manufactured:	*
9. Year Installed:	
10. Other attributes:	
11. Specify the two materials being joined: 11a. First material being jointed:	
- Steel	
- Cast/Wrought Iron	
- Ductile Iron	
- Copper	
- Plastic - Unknown	
- Other	
- If Other, Specify:	8
11b. If Plastic, specify:	
- If Other Plastic, specify:	
11c. Second material being joined: - Steel	
- Cast/Wrought Iron	· · · · · · · · · · · · · · · · · · ·
- Ductile Iron	
- Copper	
- Plastic	
- Unknown - Other	
- Other - If Other, Specify:	
11d. If Plastic, specify:	
- If Other Plastic, Specify:	
12. If used on plastic pipe, did the fitting – as designed by the manufacturer – include restraint?	
12a. If Yes, specify:	
- If Compression Fitting:	\$

40 FW L	
13. Fitting type: 14. Manufacturer:	· · ·
15. Year manufactured:	
16. Year installed:	2
17. Other attributes:	9
18. Specify the two materials being joined:	
18a. First material being joined:	· ·
- Steel	V
- Cast/Wrought Iron	
- Ductile Iron	
- Copper	
- Plastic	3
- Unknown - Other	
- Other - If Other, specify:	
18b. If Plastic, specify:	
- If Other Plastic, specify:	
18c. Second material being joined:	
- Steel	
- Cast/Wrought Iron	
- Ductile Iron	
- Copper	
- Plastic	
- Unknown	
- Other	
If Other, specify:	
18d. If Plastic, specify:  - Other Plastic, specify:	
- If Fusion Joint: 19. Specify:	
- If Other, Specify:	
20. Year installed:	
21. Other attributes:	
22. Specify the two materials being joined:	
22a. First material being joined:	
- If Other, Specify:	
22b. Second material being joined:	÷
- If Other, Specify:	
- If Other Pipe, Weld, or Joint Failure:	
23. Describe:	
Complete the following if any Pipe, Weld, or Joint Failure sub-cause is select	ted.
24. Additional Factors (select all that apply):	
- Dent	
- Gouge	× ·
- Pipe Bend	Yes
- Arc Burn	
- Crack	Yes
- Lack of Fusion - Lamination	*
- Buckle	
- Wrinkle	
- Misalignment	
- Burnt Steel	
- Other	
25. Was the Incident a result of:	
- Construction defect	V
Specify:	
- Material defect	Yes
Specify:	Other
- If Other, Specify:	Crack in 1970's vintage aldyl A pipe
- Design defect	
- Previous damage  26. Has one or more pressure test been conducted since original construction	No
at the point of the Incident?	INC
- If Yes:	
Most recent year tested:	
Test pressure:	

G6 - Equipment Failure - only one sub-cause can be selected from the shad	led left-hand column
Equipment Failure – Sub-Cause:	ANNUAL ENGINEERS LES AND ENGINEERS AND ENGIN
- If Malfunction of Control/Relief Equipment:	<u>ka</u>
Specify:	
- Control Valve	
- Instrumentation	
- SCADA	
- Communications	)
- Block Valve	
- Check Valve	
- Relief Valve	*
- Power Failure - Stopple/Control Fitting	
- Stoppie/Control Fitting - Pressure Regulator	
- Pressure Regulator - Other	
- If Other, Specify:	×
- If Threaded Connection Failure:	
2. Specify:	
- If Other, Specify:	
- If Non-threaded Connection Failure:	
3. Specify:	
- If Other, Specify:	
- If Valve:	
4. Specify:	
- If Other, Specify:	
4a. Valve type:	
4b. Manufactured by:	
4c. Year manufactured:	,
- If Other Equipment Failure:	· · · · · · · · · · · · · · · · · · ·
5. Describe:	
G7 - Incorrect Operation - only one sub-cause can be selected from the sha	ded left-hand column
Incorrect Operation Sub-Cause:	
- If Damage by Operator or Operator's Contractor NOT Related to Excavation	and NOT due to Motorized Vehicle/Equipment Damage:
- If Valve Left or Placed in Wrong Position, but NOT Resulting in an Overpro	
- If Pipeline or Equipment Overpressured:	essure:
- It i penne of Equipment Overpressured.	essure:
	essure:
- If Equipment Not Installed Properly:	essure:
	essure:
- If Equipment Not Installed Properly: - If Wrong Equipment Specified or Installed:	essure:
- If Equipment Not Installed Properly: - If Wrong Equipment Specified or Installed: - If "Other Incorrect Operation:	essure:
- If Equipment Not Installed Properly:  - If Wrong Equipment Specified or Installed:  - If "Other Incorrect Operation:  1. Describe:	essure:
- If Equipment Not Installed Properly:  - If Wrong Equipment Specified or Installed:  - If "Other Incorrect Operation:  1. Describe:  Complete the following if any Incorrect Operation sub-cause is selected.	essure:
- If Equipment Not Installed Properly:  - If Wrong Equipment Specified or Installed:  - If "Other Incorrect Operation:  1. Describe:  Complete the following if any Incorrect Operation sub-cause is selected.  2. Was this Incident related to: (select all that apply)	ssure:
- If Equipment Not Installed Properly:  - If Wrong Equipment Specified or Installed:  - If "Other Incorrect Operation:  1. Describe:  Complete the following if any Incorrect Operation sub-cause is selected.  2. Was this Incident related to: (select all that apply)  - Inadequate procedure	ssure:
- If Equipment Not Installed Properly:  - If Wrong Equipment Specified or Installed:  - If "Other Incorrect Operation:  1. Describe:  Complete the following if any Incorrect Operation sub-cause is selected.  2. Was this Incident related to: (select all that apply)  - Inadequate procedure  - No procedure established	essure:
- If Equipment Not Installed Properly:  - If Wrong Equipment Specified or Installed:  - If "Other Incorrect Operation:  1. Describe:  Complete the following if any Incorrect Operation sub-cause is selected.  2. Was this Incident related to: (select all that apply)  - Inadequate procedure  - No procedure established  - Failure to follow procedure	essure:
- If Equipment Not Installed Properly:  - If Wrong Equipment Specified or Installed:  - If "Other Incorrect Operation:  1. Describe:  Complete the following if any Incorrect Operation sub-cause is selected.  2. Was this Incident related to: (select all that apply)  - Inadequate procedure  - No procedure established  - Failure to follow procedure  - Other	essure:
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#### - If Unknown:

2. Specify:

## PART H - NARRATIVE DESCRIPTION OF THE INCIDENT

This was reported when the accumulated property restoration costs and combined repair costs exceeded \$50,000. Restoration of property damage was due to migration of gas to several property owners which resulted in yard and tree damage over time.

To close out this report it is being submitted as a supplemental/final. There is no new information for this report. 12/27/12

File Full Name Note: The users have to sign in to view the attachment if there is no current user session.

### PART I - PREPARER AND AUTHORIZED SIGNATURE

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Preparer's Title	Gas Training and Codes Coordinator
Preparer's Telephone Number	509-495-4894 .
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Preparer's Facsimile Number	509-495-8810
Authorized Signature	
Authorize Signature's Name	Jody Morehouse
Authorized Signature's Title	Manager of Gas Compliance
Authorized Signature Telephone Number	509-495-2760
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Date	12/27/2012