NOTICE: This report is required by 49 CFR Part 195. Failure to report can result in a civil penalty not to exceed \$100,000 for each violation for each day that such violation persists except that the maximum civil penalty shall not exceed \$1,000,000 as provided in 49 USC 60122.		OMB NO: 2137-0047 EXPIRATION DATE: 01/31/2014
	Original Report Date:	06/08/2011
U.S Department of Transportation	No.	20110171 - 16159
Pipeline and Hazardous Materials Safety Administration		(DOT Use Only)

ACCIDENT REPORT - HAZARDOUS LIQUID PIPELINE SYSTEMS

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0047. Public reporting for this collection of information is estimated to be approximately 10 hours per response (5 hours for a small release), 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 http://www.phmsa.dot.gov/pipeline.

PART A - KEY REPORT INFORMATION

Papart Type: (calcut all that apply)	Original:	Supplemental:	Final:
Report Type: (select all that apply)		Yes	Yes
Last Revision Date:	11/02/2011		
Operator's OPS-issued Operator Identification Number (OPID):	32334		
Name of Operator	TC OIL PIPELINE	OPERATIONS INC	
3. Address of Operator:			
3a. Street Address	717 TEXAS AVE		
3b. City	HOUSTON		
3c. State	Texas		
3d. Zip Code	77002		
4. Local time (24-hr clock) and date of the Accident:	05/07/2011 06:20		
5. Location of Accident:			
Latitude:	45.95307		
Longitude:	-97.9057		
6. National Response Center Report Number (if applicable):	975573		
7. Local time (24-hr clock) and date of initial telephonic report to the National Response Center (if applicable):	05/07/2011 09:55		
8. Commodity released: (select only one, based on predominant	Crude Oil		
volume released)			
- Specify Commodity Subtype:			
- If "Other" Subtype, Describe:			
 If Biofuel/Alternative Fuel and Commodity Subtype is Ethanol Blend, then % Ethanol Blend: 			
%:			
- If Biofuel/Alternative Fuel and Commodity Subtype is			
Biodiesel, then Biodiesel Blend (e.g. B2, B20, B100):			
B Continued and continued of common different continued and continued by (Powerla).	400.00		
Estimated volume of commodity released unintentionally (Barrels): Estimated volume of intentional and/or controlled release/blowdown	400.00		
(Barrels):			
11. Estimated volume of commodity recovered (Barrels):	400.00		
12. Were there fatalities?	No		
- If Yes, specify the number in each category:			
12a. Operator employees			
12b. Contractor employees working for the Operator			
12c. Non-Operator emergency responders			
12d. Workers working on the right-of-way, but NOT			
associated with this Operator			
12e. General public			
12f. Total fatalities (sum of above)			
13. Were there injuries requiring inpatient hospitalization?	No		
- If Yes, specify the number in each category:			
13a. Operator employees			
13b. Contractor employees working for the Operator			
13c. Non-Operator emergency responders			

13d. Workers working on the right-of-way, but NOT	
associated with this Operator	
13e. General public	
13f. Total injuries (sum of above)	
14. Was the pipeline/facility shut down due to the Accident?	
- If No. Explain:	
- If Yes, complete Questions 14a and 14b: (use local time, 24-hr clock)	
14a. Local time and date of shutdown:	
14b. Local time pipeline/facility restarted:	
- Still shut down? (* Supplemental Report Required)	
15. Did the commodity ignite?	No
16. Did the commodity explode?	No
17. Number of general public evacuated:	0
18. Time sequence (use local time, 24-hour clock):	05/07/2011 09:00
18a. Local time Operator identified Accident:	05/07/2011 09:00
18b. Local time Operator resources arrived on site:	05/07/2011 09.00
PART B - ADDITIONAL LOCATION INFORMATION	
Was the origin of Accident onshore?	Yes
If Yes, Complete Ques	tions (2-12)
If No, Complete Questi	
- If Onshore:	
2. State:	North Dakota
3. Zip Code:	58017
4. City	Brampton
5. County or Parish	Sargent
6. Operator-designated location:	Milepost/Valve Station
Specify:	MP ND 216.7
7. Pipeline/Facility name:	Ludden Pump Station
8. Segment name/ID:	Glacial Lakes
Segment annows: Was Accident on Federal land, other than the Outer Continental Shelf (OCS)?	No No
10. Location of Accident:	Originated on Operator-controlled property, but then flowed or migrated off the property
11. Area of Accident (as found):	Aboveground
Specify:	Typical aboveground facility piping or appurtenance
- If Other, Describe:	rypical abovegiound facility piping of appartenance
Depth-of-Cover (in):	
12. Did Accident occur in a crossing?	No
- If Yes, specify below:	110
- If Bridge crossing –	
Cased/ Uncased:	
- If Railroad crossing –	
Cased/ Uncased/ Bored/drilled	
- If Road crossing –	
Cased/ Uncased/ Bored/drilled	
- If Water crossing –	
Cased/ Uncased	
- Name of body of water, if commonly known:	
 Approx. water depth (ft) at the point of the Accident: 	
- Select:	
- If Offshore:	
13. Approximate water depth (ft) at the point of the Accident:	
14. Origin of Accident:	
- In State waters - Specify:	
- State:	
- Area:	
- Block/Tract #:	
- Nearest County/Parish:	
- On the Outer Continental Shelf (OCS) - Specify:	
- Area:	
- Block #:	
15. Area of Accident:	
PART C - ADDITIONAL FACILITY INFORMATION	
Is the pipeline or facility:	Interstate
O. Port of contain involved in Accident	
2. Part of system involved in Accident:	Onshore Pump/Meter Station Equipment and Piping
Part of system involved in Accident: If Onshore Breakout Tank or Storage Vessel, Including Attached	Onshore Pump/Meter Station Equipment and Piping
Part of system involved in Accident: If Onshore Breakout Tank or Storage Vessel, Including Attached Appurtenances, specify:	Onshore Pump/Meter Station Equipment and Piping

### Tippe, specify: 3a. Nominal diameter of pipe (in): 3b. Wall thickness (in): 3c. SMYS (Specified Minimum Yield Strength) of pipe (psi): 3d. Pipe specification: 3e. Pipe Seem, specify: - If Other, Describe: 3l. Pipe monificaturer: 3l. Yapr of manufacturer: 3l. Yapr of manufacturer: - If Other, Describe: - If Wield, including theat-affected zone, specify: - If Other, Describe: - If Material involved in Accident: - If Material other than Cardon Steel, specify: - If Material other than Cardon Steel, specify: - If Material other than Cardon Steel, specify: - If Other, Describe: - If Rother, Describe: - If Other, Describe: - If Oth	3. Item involved in Accident:	Relief Line
38. Nominal diameter of pipe (in): 38. WHYS (Specified Minimum Yield Strength) of pipe (pai): 38. Pipe specification: 38. Pipe Seam, specify: 49. Pipe Seam, specify: 41. Pipe Seam, specify: 41. Pipe Seam, specify: 41. Pipe Seam Active: 42. Pipe Seam Active: 43. Manufactured by: 43. Manufactured by: 44. Pipe Seam Active: 45. Pipe Seam Active: 46. Pipe Active Seam Activ		Relief Life
38. Wall thickness (n); 3. S. SMYS (Spocification: 3. Pipe specification: 3. Pipe manufacturer: 3. Pipeline coating type at point of Accident, specify: - If Other, Describe: - If Weld, including heat-affected zone, specify: - If Weld, including heat-affected zone, specify: - If Walve, specify: - If Mainine, specify: - If Mainine, specify: - If Mainine, specify: - If Mainine, specify: - If Other, Describe: - If Mainine, specify: - If Other, Describe: - If Mainine and Accident was installed: - Year term involved in Accident was installed: - Year term involved in Accident: - If Material other than Carbon Steel, specify: - If Other, Describe: - If Material other than Carbon Steel, specify: - If Other, Describe: - Approx. size in, (wideat opening) by in, (elrounferentially or axially) - If Cother Describe: - PART D - ADDITIONAL CONSEQUENCE INFORMATION - In, (If Other, Describe: - Participated remediation: - Fishinguate: - Fishing		
3c. SMYS (Specified Minimum Yield Strength) of pipe (psi): 3d. Pipe specification: 3e. Pipe Searn, specify: 3f. Pipe manufacturer: 3g. Year of manufacture: 3g. Year of man		
3d. Pipe Saemi, spacify: - If Other, Describe: 3g. Year of manufacturer: - If Weld, including heat-affected zone, speady: - If Other, Describe: - If Walve, specify: - If Maintine, Specify: - If Other, Describe: - If Other, Describe: - If If Maintine, Specify: - If Other, Describe: - If Maintine, Specify: - If Other, Describe: - If Material other than Carbon Steel, Specify: - If Material other than Carbon Steel, Specify: - If Material other than Carbon Steel, Specify: - If Other, Describe: - If Nechanical Puncture - Specify Approx. size: - If Other, Describe: - If Other Describe: - PART D - ADDITIONAL CONSEQUENCE INFORMATION - If Other Describe: - Bids: - If Other Describe: - Bids: - Soil contamination: - Soil Yes, Specify all that apply: - Groundwater - Soil Yes, Specify all that apply: - Soil Contamination: - Soil Yes, Specify all that spply: - Soil Contamination: - Soil Yes, Occard Seawarer - Soil Yes, Specify all that apply: - Public Water Inske - Describe: - Describes Occard Seawarer - Soil Occard Seawarer - Soil Occard Seawarer - Describes Occard Seawarer - Describes Occard Seawarer - Describes Occard Seawarer - Describes Occard Seawarer - Soil Occard Seawarer - Soil Occard Seawarer - Soil Occard Seawarer - Soil Occard Seawarer - Describes Occard Seawarer - Soil Occard Seawarer - Soil Occard Seawarer - Soil Occard Seawarer -		
36. Pipe Saam, specify: 31. Pipe manufacturer: 39. Year of manufacturer: 39. Year of manufacturer: 31. Pipeline coating type at point of Accident, specify: - If Weld, including heat-effected zone, specify: - If Weld including heat-effected zone, specify: - If Other, Describe: - If Mehanical other than Carbon Steel, specify: - If Mehanical forth than Carbon Steel, specify: - If Mehanical Puncture - Specify Approx. size: - If Mehanical Puncture - Specify Approx. size: - If Other, Describe: - If Other, Describe: - If Other, Describe: - If Other, Describe: - If Other - Describe: - If Other - Describe: - Approx. size: in. (widest opening) by in. (encumberentially or axially) - If Other - Describe: - Approx. size: in. (widest opening) by in. (ength circumferentially or axially) - If Other - Describe: - Birds - FishNaquatic - Birds - FishNaquatic - Birds - FishNaquatic - Birds - Terrestrial - Soil contamination: - Yes - Soil - Yes - Soil - Yes - Soil - Yes - Ocaard Seawater - Soil - Yes - Ocaard Seawater - Soil - Yes - Ocaard Seawater - Soil - Public Water Intake - Online of value of the Apply: - Purital Well - Public Water Intake - Online of value of the Contamination: - Public Water Intake - Online of value of the Contamination of the Accident of value of value of the Contamination of the Accident of value of value of the Contamination of the Accident of value of value of the Contamination of the Accident of value of value of the Contamination of the Accident of value of value of value of the Contamination of value		
### Steel Commentation St. Pipe manufacture: 3g. Year of manufacture: 3g. Year of manufacture: 3g. Pipe incoating type at point of Accident, specify: - If Weld, including heat-affected zone, specify: - If Weld, including heat-affected zone, specify: - If Walve, specify: - If Valve, specify: - If Other, Describe: - If Valve, specify: - If Other, Describe: - If Valve, specify: - If Other, Describe: - If Material other than Carbon Steel, specify: - If Other, Describe: - If Other Descr		
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3. Pepiline coating lype at point of Accident, specify: - If Weld, including heat-affected zone, specify: - If Walva, specify: - If Walva, specify: - If Mariline, specify: - If Mariline, specify: - If Other, Describe: - If Walva, specify: - If Mariline, specify: - If Other, Describe: - If Mariline, Specify: - If Leak - Select Type: - If Leak - Select Type: - If Other, Describe: - If Other, De		
3h. Pipeline coating type at point of Accident, specify: - If Weld, including heat-affected zone, specify: - If Weld, including heat-affected zone, specify: - If Wahe, specify: - If Mahinine, specify: - If Other, Describe: 3i. Manufactured by: 3j. Year of manufacture: - If Tank-Vissesi, specify: - If Other, describe: - If Tother, Vissesi, specify: - If Other, describe: - If Tother, Vissesi, specify: - If Other, describe: - If Material other than Carbon Steel, specify: - If Mechanical Puncture – Specify Approx. size: - If Mechanical Puncture – Specify Approx. size: - If Rupture - Select Orientation: - If Other, Describe: - If Rupture - Select Orientation: - If Other, Describe: - Approx. size: in. (widest opening) by in. (incurumferential) or axially) - If Other – Describe: - Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other – Describe: - Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other – Describe: - Birds - Terrestrial - Birds - Terrestrial - Terrestrial - Soil contamination: - Terrestrial - Soil contamination: - Soil - Vegetation - Wildlife - Soil - Vegetation - Wes - Ocean/Seawater - Soil - Vegetation - Private Well - Describe: Soil - Ves - Ocean/Seawater - Describe: Soil or reaching water (Barrels): - Consequence Area (HCAI) - No - No		
- If Weld, including heat-affected zone, specify: - If Valve, specify: - If Walve, specify: - If Mainline, specify: - If Other, Describe: - If Mechanical Other than Carbon Steel, specify: - If Mechanical Puncture - Specify Approx. size: - If Mechanical Puncture - Specify Approx. size: - If Other, Describe: - If Rupture - Select Orientation: - If Other, Describe: - Approx. size: in, (widest opening) by - If Other - Describe: - Approx. size: in, (widest opening) by - If Other - Describe: - Approx. size: in, (widest opening) by - If Other - Describe: - Approx. size: in, (widest opening) by - If Other - Describe: - Approx. size: in, (widest opening) by - If Other - Describe: - Approx. size: in, (widest opening) by - If Other - Describe: - Approx. size: in, (widest opening) by - If Other - Describe: - Approx. size: in, (widest opening) by - If Other - Describe: - Approx. size: in, (widest opening) by - If Other - Describe: - Approx. size: in, (widest opening) by - If Other - Describe: - Approx. size: in, (widest opening) by - If Other - Describe: - Approx. size: in, (widest opening) by - If Other, Describe: - Approx. size: in, (widest opening) by - If Other, Describe: - Approx. size: in, (widest opening) by - If Other, Describe: - Approx. size: in, (widest opening) by - If Other, Describe: - Approx. size: in, (widest opening) by - If Other, Describe: - Approx. size: in, (widest opening) by - If Other, Describe: - Approx. size: in, (widest opening) by - If Other, Describe: - Approx. size: in, (widest opening) by - If Other, Describe: - Approx. size: in, (widest opening) by - If Other, Describe: - Approx. si		
- If Weld, including heat-affected zone, specify: - If Walve, specify: - If Mahinine, specify: - If Other, Describe: - If Material other than Carbon Steel, specify: - If Methanical Puncture - Specify Approx. size: - If Other, Describe: - If Rupture - Select Orientation: - If Other, Describe:	3h. Pipeline coating type at point of Accident, specify:	
- If Valve, specify:	- If Other, Describe:	
- If Valve, specify: - If Malnine, specify: - If Other, Describe: 3i. Manufactured by: - If Tother, Malnine, specify: - If Other, describe: - If Tank/vesel, specify: - If Other, describe: - If Other, describe: - If Material other than Carbon Steel, specify: - If Methanical Puncture - Specify Approx. size: - If Mechanical Puncture - Specify Approx. size: - If Mechanical Puncture - Specify Approx. size: - If Mechanical Puncture - Specify Approx. size: - If Rupture - Select Orientation: - If Other, Describe: - If Rupture - Select Orientation: - If Other, Describe: - If Other, Describe: - If Other - Describe: - Approx. size: in. (videst opening) by - in. (lerigh circumferentially or axially) - If Other - Describe: - If Other Describe: -	 If Weld, including heat-affected zone, specify: 	
- If Other, Describe: 3. Manufactured by: 3. Manufactured by: 3. Year of manufacture: - If Tank/Vessel, specify: - If Other, describe: - If Other, describe: - If Other, describe: - If Other Accident was installed: - Carbon Steel - If Material involved in Accident was installed: - Carbon Steel - If Material other than Carbon Steel, specify: - If Mechanical Puncture - Specify Approx. size: - If Mechanical Puncture - Specify Approx. size: - If Other, Describe: - If Rupture - Select Type: - If Other, Describe: - If Other, Des	- If Other, Describe:	
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3). Manufactured by: 3). Year of manufacture:	- If Mainline, specify:	
3). Manufactured by: 3). Year of manufacture:		
3) Year of manufacture: - If Tank/Vessel, specify: - If Other, describe: - If Other, describe: - If Other, describe: - If Other, describe: - If Material other than Carbon Steel, specify: - If Mechanical Puncture – Specify Approx. size: - If Mechanical Puncture – Specify Approx. size: - If Mechanical Puncture – Specify Approx. size: - If Other, Describe: - If Cher, Describe: - If Rupture - Select Orientation: - If Other, Describe: - Approx. size: in. (widest opening) by - If Other – Describe: - Approx. size: in. (widest opening) by - If Other – Describe: - Approx. size: in. (widest opening) by - If Other – Describe: - Approx. size: in. (widest opening) by - If Other – Describe: - Approx. size: in. (widest opening) by - If Other – Describe: - Approx. size: in. (widest opening) by - If Other – Describe: - Approx. size: in. (widest opening) by - If Other – Describe: - Approx. size: in. (widest opening) by - If Other – Describe: - Approx. size: in. (widest opening) by - If Other – Describe: - Approx. size: in. (widest opening) by - If Other – Describe: - Approx. size: in. (widest opening) by - If Other – Describe: - Approx. size: in. (widest opening) by - If Other – Describe: - Approx. size: in. (widest opening) by - If Other – Describe: - Approx. size: in. (widest opening) by - If Other – Describe: - Approx. size: in. (widest opening) by - If Other – Describe: - Approx. size: in. (widest opening) by - Yes - Surface water - Yes - Groundwater - Soil - Vegetation - Wildlife - Vegetation - Wildlife - Private Well - Public Water Intake - Describe: - Approx. size: in. (widest opening) - Private Well - Public Water Intake - Describe: - So. Name of body of water, if commonly known: - So. Name of body of water, if commonly known: - At the location of this Accident, had the pipeline segment or facility - Described of this Accident, had the pipeline segment or facility - Described or		
- If Tank/Vessel, specify: - If Other, describe: - If Other, describe: - If Other, describe: - If Material involved in Accident was installed: - If Material involved in Accident: - If Material other than Carbon Steel, specify: - If Material other than Carbon Steel, specify: - If Mechanical Puncture – Specify Approx. size: - If Mechanical Puncture – Specify Approx. size: - In (circumferential) - If Leak - Select Type: - If Cher, Describe: - If Rupture - Select Orientation: - If Other, Describe: - If Other, Describe: - If Other, Describe: - If Other - Describe: - Approx. size: in, (widest opening) by - in, (length circumferentially or axially) - If Other – Describe: - PART D - ADDITIONAL CONSEQUENCE INFORMATION 1 . Wildlife impact: - If Sin/Aquatic - Birds - Birds - Birds - Birds - Terrestrial - Soil contamination: - Yes - Jung term impact assessment performed or planned: - Anticipated remediation: - Yes - Surface water - Soil - Vegetation - Vegetation - Vegetation - Vegetation - Vege - Groundwater - Soil - Vegetation - Public Water Intalke - Denking water: (Select one or both) - Private Well - Denking water: (Select one or both) - Private Well - Denking water: (Select one or both) - Public Water Intalke - So. Name of body of water, if commonly known: - So. Name of body of water, if commonly known: - At the location of this Accident, had the pipeline segment or facility been identified as one that "could affect" a High Consequence Area - HCA) as determined in the Operator's Integrity Management Program? - To Did the released commodity reach or occur in one or more High - Consequence Area (HCA)? - To determined in the Operator's Integrity Management Program? - To determined in the Operator's Integrity Management Program? - To determined in the Operator's Integrity Management Program? - To determined in the Operator's Integrity Management Program? - To determined in the Operator's Integrity Management Program? - To determined in the Operator's Integrity Management Program? - To determined in the Operator's Integri		
- If Other - Describe: 4. Year item involved in Accident was installed: 5. Material involved in Accident was installed: - If Material other than Carbon Steel, specify: 6. Type of Accident involved: - If Mechanical Puncture – Specify Approx. size: in. (axial) by in. (circumferential) - If Leak - Select Type: - If Other, Describe: - If Other - Describe: - Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other - Describe: - PART D - ADDITIONAL CONSEQUENCE INFORMATION 1. Wildlife impact: - Birds - Terrestrial 2. Soil contamination: - Birds - Terrestrial 2. Soil contamination: - Yes - Groundwater - Groundwater - Groundwater - Soil - Vegetation - Wildlife - Vegetation - Ves - Cecan/Seawater - Connection Failure - If Other, Describe: - If Other, Describe: - If Other, Describe: - If Other, Describe: - Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other - Describe: - Part D - ADDITIONAL CONSEQUENCE INFORMATION 1. Wildlife impact: - Birds - Terrestrial 2. Soil contamination: - Yes - Groundwater - Groundwater - Soil - Vegetation - Vegetation - Vegetation - Vegetation - Private Well - Private Wel		
- If Other, describe: - Year Irem involved in Accident was installed: - If Material involved in Accident seles, specify: - If Material other than Carbon Steel, specify: - If Material other than Carbon Steel, specify: - If Mechanical Puncture – Specify Approx. size: - If Mechanical Puncture – Specify Approx. size: - If Mechanical Puncture – Specify Approx. size: - In (circumferential) - If Leak - Select Type: - If Other, Describe: - If Other, Describe: - If Other, Describe: - If Other, Describe: - If Other – Describe: - Approx. size: in. (widest opening) by - in. (length circumferentially or axially) - If Other – Describe: - Approx. size: in. (widest opening) by - in. (length circumferentially or axially) - If Other – Describe: - PART D - ADDITIONAL CONSEQUENCE INFORMATION - In. Wildlife impact: - Fish/aquatic - Sund that apply: - Fish/aquatic - Fis		
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- Wildlife 5. Water contamination: 5a. If Yes, specify all that apply: - Ocean/Seawater - Surface - Groundwater - Drinking water: (Select one or both) - Private Well - Public Water Intake 5b. Estimated amount released in or reaching water (Barrels): 5c. Name of body of water, if commonly known: 6. At the location of this Accident, had the pipeline segment or facility been identified as one that "could affect" a High Consequence Area (HCA) as determined in the Operator's Integrity Management Program? 7. Did the released commodity reach or occur in one or more High Consequence Area (HCA)?	Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other – Describe: PART D - ADDITIONAL CONSEQUENCE INFORMATION 1. Wildlife impact: 1a. If Yes, specify all that apply: - Fish/aquatic - Birds - Terrestrial 2. Soil contamination: 3. Long term impact assessment performed or planned: 4. Anticipated remediation: 4a. If Yes, specify all that apply: - Surface water - Groundwater	Yes No Yes Yes
5. Water contamination: 5a. If Yes, specify all that apply: - Ocean/Seawater - Surface - Groundwater - Drinking water: (Select one or both) - Private Well - Public Water Intake 5b. Estimated amount released in or reaching water (Barrels): 5c. Name of body of water, if commonly known: 6. At the location of this Accident, had the pipeline segment or facility been identified as one that "could affect" a High Consequence Area (HCA) as determined in the Operator's Integrity Management Program? 7. Did the released commodity reach or occur in one or more High Consequence Area (HCA)?	Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other – Describe: PART D - ADDITIONAL CONSEQUENCE INFORMATION 1. Wildlife impact: 1a. If Yes, specify all that apply: - Fish/aquatic - Birds - Terrestrial 2. Soil contamination: 3. Long term impact assessment performed or planned: 4. Anticipated remediation: 4a. If Yes, specify all that apply: - Surface water - Groundwater - Soil	Yes No Yes Yes
5a. If Yes, specify all that apply: - Ocean/Seawater - Surface - Groundwater - Drinking water: (Select one or both) - Private Well - Public Water Intake 5b. Estimated amount released in or reaching water (Barrels): 5c. Name of body of water, if commonly known: 6. At the location of this Accident, had the pipeline segment or facility been identified as one that "could affect" a High Consequence Area (HCA) as determined in the Operator's Integrity Management Program? 7. Did the released commodity reach or occur in one or more High Consequence Area (HCA)?	Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other – Describe: PART D - ADDITIONAL CONSEQUENCE INFORMATION 1. Wildlife impact: 1a. If Yes, specify all that apply: - Fish/aquatic - Birds - Terrestrial 2. Soil contamination: 3. Long term impact assessment performed or planned: 4. Anticipated remediation: 4a. If Yes, specify all that apply: - Surface water - Groundwater - Soil - Vegetation	Yes No Yes Yes
- Ocean/Seawater - Surface - Groundwater - Drinking water: (Select one or both) - Private Well - Public Water Intake 5b. Estimated amount released in or reaching water (Barrels): 5c. Name of body of water, if commonly known: 6. At the location of this Accident, had the pipeline segment or facility been identified as one that "could affect" a High Consequence Area (HCA) as determined in the Operator's Integrity Management Program? 7. Did the released commodity reach or occur in one or more High Consequence Area (HCA)?	Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other – Describe: PART D - ADDITIONAL CONSEQUENCE INFORMATION 1. Wildlife impact: 1a. If Yes, specify all that apply: - Fish/aquatic - Birds - Terrestrial 2. Soil contamination: 3. Long term impact assessment performed or planned: 4. Anticipated remediation: 4a. If Yes, specify all that apply: - Surface water - Groundwater - Soil - Vegetation	Yes No Yes Yes
- Ocean/Seawater - Surface - Groundwater - Drinking water: (Select one or both) - Private Well - Public Water Intake 5b. Estimated amount released in or reaching water (Barrels): 5c. Name of body of water, if commonly known: 6. At the location of this Accident, had the pipeline segment or facility been identified as one that "could affect" a High Consequence Area (HCA) as determined in the Operator's Integrity Management Program? 7. Did the released commodity reach or occur in one or more High Consequence Area (HCA)?	Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other – Describe: PART D - ADDITIONAL CONSEQUENCE INFORMATION 1. Wildlife impact: 1a. If Yes, specify all that apply: - Fish/aquatic - Birds - Terrestrial 2. Soil contamination: 3. Long term impact assessment performed or planned: 4. Anticipated remediation: 4a. If Yes, specify all that apply: - Surface water - Groundwater - Soil - Vegetation - Wildlife	Yes No Yes Ves Yes Yes
- Surface - Groundwater - Drinking water: (Select one or both) - Private Well - Public Water Intake 5b. Estimated amount released in or reaching water (Barrels): 5c. Name of body of water, if commonly known: 6. At the location of this Accident, had the pipeline segment or facility been identified as one that "could affect" a High Consequence Area (HCA) as determined in the Operator's Integrity Management Program? 7. Did the released commodity reach or occur in one or more High Consequence Area (HCA)?	Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other – Describe: PART D - ADDITIONAL CONSEQUENCE INFORMATION 1. Wildlife impact:	Yes No Yes Ves Yes Yes
- Groundwater - Drinking water: (Select one or both) - Private Well - Public Water Intake 5b. Estimated amount released in or reaching water (Barrels): 5c. Name of body of water, if commonly known: 6. At the location of this Accident, had the pipeline segment or facility been identified as one that "could affect" a High Consequence Area (HCA) as determined in the Operator's Integrity Management Program? 7. Did the released commodity reach or occur in one or more High Consequence Area (HCA)?	Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other – Describe: PART D - ADDITIONAL CONSEQUENCE INFORMATION 1. Wildlife impact:	Yes No Yes Ves Yes Yes
- Drinking water: (Select one or both) - Private Well - Public Water Intake 5b. Estimated amount released in or reaching water (Barrels): 5c. Name of body of water, if commonly known: 6. At the location of this Accident, had the pipeline segment or facility been identified as one that "could affect" a High Consequence Area (HCA) as determined in the Operator's Integrity Management Program? 7. Did the released commodity reach or occur in one or more High Consequence Area (HCA)?	Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other – Describe: PART D - ADDITIONAL CONSEQUENCE INFORMATION 1. Wildlife impact: 1a. If Yes, specify all that apply: - Fish/aquatic - Birds - Terrestrial 2. Soil contamination: 3. Long term impact assessment performed or planned: 4. Anticipated remediation: 4a. If Yes, specify all that apply: - Surface water - Groundwater - Soil - Vegetation - Wildlife 5. Water contamination: 5a. If Yes, specify all that apply: - Ocean/Seawater	Yes No Yes Ves Yes Yes Yes
- Private Well - Public Water Intake 5b. Estimated amount released in or reaching water (Barrels): 5c. Name of body of water, if commonly known: 6. At the location of this Accident, had the pipeline segment or facility been identified as one that "could affect" a High Consequence Area (HCA) as determined in the Operator's Integrity Management Program? 7. Did the released commodity reach or occur in one or more High Consequence Area (HCA)?	Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other – Describe: PART D - ADDITIONAL CONSEQUENCE INFORMATION 1. Wildlife impact: 1a. If Yes, specify all that apply: - Fish/aquatic - Birds - Terrestrial 2. Soil contamination: 3. Long term impact assessment performed or planned: 4. Anticipated remediation: 4a. If Yes, specify all that apply: - Surface water - Groundwater - Soil - Vegetation - Wildlife 5. Water contamination: 5a. If Yes, specify all that apply: - Ocean/Seawater - Surface	Yes No Yes Ves Yes Yes Yes Yes
- Public Water Intake 5b. Estimated amount released in or reaching water (Barrels): 5c. Name of body of water, if commonly known: 6. At the location of this Accident, had the pipeline segment or facility been identified as one that "could affect" a High Consequence Area (HCA) as determined in the Operator's Integrity Management Program? 7. Did the released commodity reach or occur in one or more High Consequence Area (HCA)?	Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other – Describe: PART D - ADDITIONAL CONSEQUENCE INFORMATION 1. Wildlife impact: 1a. If Yes, specify all that apply: - Fish/aquatic - Birds - Terrestrial 2. Soil contamination: 3. Long term impact assessment performed or planned: 4. Anticipated remediation: 4a. If Yes, specify all that apply: - Surface water - Groundwater - Soil - Vegetation - Wildlife 5. Water contamination: 5a. If Yes, specify all that apply: - Ocean/Seawater - Surface - Groundwater	Yes No Yes Ves Yes Yes Yes Yes
5b. Estimated amount released in or reaching water (Barrels): 5c. Name of body of water, if commonly known: 6. At the location of this Accident, had the pipeline segment or facility been identified as one that "could affect" a High Consequence Area (HCA) as determined in the Operator's Integrity Management Program? 7. Did the released commodity reach or occur in one or more High Consequence Area (HCA)?	Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other – Describe: PART D - ADDITIONAL CONSEQUENCE INFORMATION 1. Wildlife impact: 1a. If Yes, specify all that apply: - Fish/aquatic - Birds - Terrestrial 2. Soil contamination: 3. Long term impact assessment performed or planned: 4. Anticipated remediation: 4a. If Yes, specify all that apply: - Surface water - Groundwater - Soil - Vegetation - Wildlife 5. Water contamination: 5a. If Yes, specify all that apply: - Ocean/Seawater - Surface - Groundwater - Surface - Groundwater - Drinking water: (Select one or both)	Yes No Yes Ves Yes Yes Yes Yes
5c. Name of body of water, if commonly known: 6. At the location of this Accident, had the pipeline segment or facility been identified as one that "could affect" a High Consequence Area (HCA) as determined in the Operator's Integrity Management Program? 7. Did the released commodity reach or occur in one or more High Consequence Area (HCA)?	Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other – Describe: PART D - ADDITIONAL CONSEQUENCE INFORMATION 1. Wildlife impact: 1a. If Yes, specify all that apply: - Fish/aquatic - Birds - Terrestrial 2. Soil contamination: 3. Long term impact assessment performed or planned: 4. Anticipated remediation: 4a. If Yes, specify all that apply: - Surface water - Groundwater - Soil - Vegetation - Wildlife 5. Water contamination: 5a. If Yes, specify all that apply: - Ocean/Seawater - Surface - Groundwater - Surface - Groundwater - Drinking water: (Select one or both) - Private Well	Yes No Yes Ves Yes Yes Yes Yes
6. At the location of this Accident, had the pipeline segment or facility been identified as one that "could affect" a High Consequence Area (HCA) as determined in the Operator's Integrity Management Program? 7. Did the released commodity reach or occur in one or more High Consequence Area (HCA)?	Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other – Describe: PART D - ADDITIONAL CONSEQUENCE INFORMATION 1. Wildlife impact: 1a. If Yes, specify all that apply: - Fish/aquatic - Birds - Terrestrial 2. Soil contamination: 3. Long term impact assessment performed or planned: 4. Anticipated remediation: 4a. If Yes, specify all that apply: - Surface water - Groundwater - Soil - Vegetation - Wildlife 5. Water contamination: 5a. If Yes, specify all that apply: - Ocean/Seawater - Surface - Groundwater - Surface - Groundwater - Drinking water: (Select one or both) - Private Well - Public Water Intake	Yes No Yes Yes Yes Yes Yes Yes
6. At the location of this Accident, had the pipeline segment or facility been identified as one that "could affect" a High Consequence Area (HCA) as determined in the Operator's Integrity Management Program? 7. Did the released commodity reach or occur in one or more High Consequence Area (HCA)?	Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other – Describe: PART D - ADDITIONAL CONSEQUENCE INFORMATION 1. Wildlife impact: 1a. If Yes, specify all that apply: - Fish/aquatic - Birds - Terrestrial 2. Soil contamination: 3. Long term impact assessment performed or planned: 4. Anticipated remediation: 4a. If Yes, specify all that apply: - Surface water - Groundwater - Soil - Vegetation - Wildlife 5. Water contamination: 5a. If Yes, specify all that apply: - Ocean/Seawater - Surface - Groundwater - Surface - Groundwater - Drinking water: (Select one or both) - Private Well - Public Water Intake	Yes No Yes Yes Yes Yes Yes Yes
(HCA) as determined in the Operator's Integrity Management Program? 7. Did the released commodity reach or occur in one or more High Consequence Area (HCA)?	Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other – Describe: PART D - ADDITIONAL CONSEQUENCE INFORMATION 1. Wildlife impact: 1a. If Yes, specify all that apply: - Fish/aquatic - Birds - Terrestrial 2. Soil contamination: 3. Long term impact assessment performed or planned: 4. Anticipated remediation: 4a. If Yes, specify all that apply: - Surface water - Groundwater - Soil - Vegetation - Wildlife 5. Water contamination: 5a. If Yes, specify all that apply: - Ocean/Seawater - Surface - Groundwater - Surface - Groundwater - Drinking water: (Select one or both) - Private Well - Public Water Intake 5b. Estimated amount released in or reaching water (Barrels):	Yes No Yes Yes Yes Yes Yes Yes Yes Unknown, swamp area in close proximity to the pump
Consequence Area (HCA)?	Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other – Describe: PART D - ADDITIONAL CONSEQUENCE INFORMATION 1. Wildlife impact: 1a. If Yes, specify all that apply: - Fish/aquatic - Birds - Terrestrial 2. Soil contamination: 3. Long term impact assessment performed or planned: 4. Anticipated remediation: 4a. If Yes, specify all that apply: - Surface water - Groundwater - Soil - Vegetation - Wildlife 5. Water contamination: 5a. If Yes, specify all that apply: - Ocean/Seawater - Surface - Groundwater - Drinking water: (Select one or both) - Private Well - Public Water Intake 5b. Estimated amount released in or reaching water (Barrels): 5c. Name of body of water, if commonly known: 6. At the location of this Accident, had the pipeline segment or facility	Yes No Yes Yes Yes Yes Yes Yes Unknown, swamp area in close proximity to the pump station
	Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other – Describe: PART D - ADDITIONAL CONSEQUENCE INFORMATION 1. Wildlife impact: 1a. If Yes, specify all that apply: - Fish/aquatic - Birds - Terrestrial 2. Soil contamination: 3. Long term impact assessment performed or planned: 4. Anticipated remediation: 4a. If Yes, specify all that apply: - Surface water - Groundwater - Soil - Vegetation - Wildlife 5. Water contamination: 5a. If Yes, specify all that apply: - Ocean/Seawater - Surface - Groundwater - Surface - Groundwater - Surface - Groundwater - Drinking water: (Select one or both) - Private Well - Public Water Intake 5b. Estimated amount released in or reaching water (Barrels): 5c. Name of body of water, if commonly known: 6. At the location of this Accident, had the pipeline segment or facility been identified as one that "could affect" a High Consequence Area (HCA) as determined in the Operator's Integrity Management Program?	Yes No Yes Yes Yes Yes Yes Yes Unknown, swamp area in close proximity to the pump station
7a. If Yes, specify HCA type(s): (Select all that apply)	Approx. size: in. (widest opening) by in. (length circumferentially or axially) - If Other – Describe: PART D - ADDITIONAL CONSEQUENCE INFORMATION 1. Wildlife impact: 1a. If Yes, specify all that apply: - Fish/aquatic - Birds - Terrestrial 2. Soil contamination: 3. Long term impact assessment performed or planned: 4. Anticipated remediation: 4a. If Yes, specify all that apply: - Surface water - Groundwater - Soil - Vegetation - Wildlife 5. Water contamination: 5a. If Yes, specify all that apply: - Ocean/Seawater - Surface - Groundwater - Drinking water: (Select one or both) - Private Well - Public Water Intake 5b. Estimated amount released in or reaching water (Barrels): 5c. Name of body of water, if commonly known: 6. At the location of this Accident, had the pipeline segment or facility been identified as one that "could affect" a High Consequence Area (HCA) as determined in the Operator's Integrity Management Program? 7. Did the released commodity reach or occur in one or more High	Yes No Yes Yes Yes Yes Yes Unknown, swamp area in close proximity to the pump station No

	T
- Commercially Navigable Waterway:	
Was this HCA identified in the "could affect"	
determination for this Accident site in the Operator's	
Integrity Management Program?	
- High Population Area:	
Was this HCA identified in the "could affect"	
determination for this Accident site in the Operator's Integrity Management Program?	
- Other Populated Area	
Was this HCA identified in the "could affect" determination	
for this Accident site in the Operator's Integrity	
Management Program?	
- Unusually Sensitive Area (USA) - Drinking Water	
Was this HCA identified in the "could affect" determination	
for this Accident site in the Operator's Integrity	
Management Program?	
- Unusually Sensitive Area (USA) - Ecological	
Was this HCA identified in the "could affect" determination	
for this Accident site in the Operator's Integrity	
Management Program?	
Estimated Property Damage:	
8a. Estimated cost of public and non-Operator private property	¢ 1,000
damage	\$ 1,000
8b. Estimated cost of commodity lost	\$ 40,000
8c. Estimated cost of Operator's property damage & repairs	\$ 25,000
8d. Estimated cost of Operator's emergency response	\$ 250,000
8e. Estimated cost of Operator's environmental remediation	\$ 750,000
8f. Estimated other costs	\$ 250,000
Describe:	Repair costs to the facility and other facilities
8g. Total estimated property damage (sum of above)	\$ 1,316,000
PART E - ADDITIONAL OPERATING INFORMATION	
	I
Estimated pressure at the point and time of the Accident (psig): Accident (psi	1,097.00
2. Maximum Operating Pressure (MOP) at the point and time of the	1,440.00
Accident (psig):	·
O. Describe the masses of the master of the Property of the	
3. Describe the pressure on the system or facility relating to the	Pressure did not exceed MOP
Accident (psig):	Pressure did not exceed MOP
Accident (psig): 4. Not including pressure reductions required by PHMSA regulations	Pressure did not exceed MOP
Accident (psig): 4. Not including pressure reductions required by PHMSA regulations (such as for repairs and pipe movement), was the system or facility	
Accident (psig): 4. Not including pressure reductions required by PHMSA regulations (such as for repairs and pipe movement), was the system or facility relating to the Accident operating under an established pressure	Pressure did not exceed MOP No
Accident (psig): 4. Not including pressure reductions required by PHMSA regulations (such as for repairs and pipe movement), was the system or facility relating to the Accident operating under an established pressure restriction with pressure limits below those normally allowed by the	
Accident (psig): 4. Not including pressure reductions required by PHMSA regulations (such as for repairs and pipe movement), was the system or facility relating to the Accident operating under an established pressure restriction with pressure limits below those normally allowed by the MOP?	
Accident (psig): 4. Not including pressure reductions required by PHMSA regulations (such as for repairs and pipe movement), was the system or facility relating to the Accident operating under an established pressure restriction with pressure limits below those normally allowed by the MOP? - If Yes, Complete 4.a and 4.b below:	
Accident (psig): 4. Not including pressure reductions required by PHMSA regulations (such as for repairs and pipe movement), was the system or facility relating to the Accident operating under an established pressure restriction with pressure limits below those normally allowed by the MOP? - If Yes, Complete 4.a and 4.b below: 4a. Did the pressure exceed this established pressure	
Accident (psig): 4. Not including pressure reductions required by PHMSA regulations (such as for repairs and pipe movement), was the system or facility relating to the Accident operating under an established pressure restriction with pressure limits below those normally allowed by the MOP? - If Yes, Complete 4.a and 4.b below: 4a. Did the pressure exceed this established pressure restriction?	
Accident (psig): 4. Not including pressure reductions required by PHMSA regulations (such as for repairs and pipe movement), was the system or facility relating to the Accident operating under an established pressure restriction with pressure limits below those normally allowed by the MOP? - If Yes, Complete 4.a and 4.b below: 4a. Did the pressure exceed this established pressure restriction? 4b. Was this pressure restriction mandated by PHMSA or the	
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Accident (psig): 4. Not including pressure reductions required by PHMSA regulations (such as for repairs and pipe movement), was the system or facility relating to the Accident operating under an established pressure restriction with pressure limits below those normally allowed by the MOP? - If Yes, Complete 4.a and 4.b below: 4a. Did the pressure exceed this established pressure restriction? 4b. Was this pressure restriction mandated by PHMSA or the State?	No
Accident (psig): 4. Not including pressure reductions required by PHMSA regulations (such as for repairs and pipe movement), was the system or facility relating to the Accident operating under an established pressure restriction with pressure limits below those normally allowed by the MOP? - If Yes, Complete 4.a and 4.b below: 4a. Did the pressure exceed this established pressure restriction? 4b. Was this pressure restriction mandated by PHMSA or the State? 5. Was "Onshore Pipeline, Including Valve Sites" OR "Offshore Pipeline, Including Riser and Riser Bend" selected in PART C, Question 2?	No
Accident (psig): 4. Not including pressure reductions required by PHMSA regulations (such as for repairs and pipe movement), was the system or facility relating to the Accident operating under an established pressure restriction with pressure limits below those normally allowed by the MOP? - If Yes, Complete 4.a and 4.b below: 4a. Did the pressure exceed this established pressure restriction? 4b. Was this pressure restriction mandated by PHMSA or the State? 5. Was "Onshore Pipeline, Including Valve Sites" OR "Offshore Pipeline, Including Riser and Riser Bend" selected in PART C, Question 2? - If Yes - (Complete 5a. – 5e. below)	No
Accident (psig): 4. Not including pressure reductions required by PHMSA regulations (such as for repairs and pipe movement), was the system or facility relating to the Accident operating under an established pressure restriction with pressure limits below those normally allowed by the MOP? - If Yes, Complete 4.a and 4.b below: 4a. Did the pressure exceed this established pressure restriction? 4b. Was this pressure restriction mandated by PHMSA or the State? 5. Was "Onshore Pipeline, Including Valve Sites" OR "Offshore Pipeline, Including Riser and Riser Bend" selected in PART C, Question 2? - If Yes - (Complete 5a. – 5e. below) 5a. Type of upstream valve used to initially isolate release	No
Accident (psig): 4. Not including pressure reductions required by PHMSA regulations (such as for repairs and pipe movement), was the system or facility relating to the Accident operating under an established pressure restriction with pressure limits below those normally allowed by the MOP? - If Yes, Complete 4.a and 4.b below: 4a. Did the pressure exceed this established pressure restriction? 4b. Was this pressure restriction mandated by PHMSA or the State? 5. Was "Onshore Pipeline, Including Valve Sites" OR "Offshore Pipeline, Including Riser and Riser Bend" selected in PART C, Question 2? - If Yes - (Complete 5a. – 5e. below) 5a. Type of upstream valve used to initially isolate release source:	No
Accident (psig): 4. Not including pressure reductions required by PHMSA regulations (such as for repairs and pipe movement), was the system or facility relating to the Accident operating under an established pressure restriction with pressure limits below those normally allowed by the MOP? - If Yes, Complete 4.a and 4.b below: 4a. Did the pressure exceed this established pressure restriction? 4b. Was this pressure restriction mandated by PHMSA or the State? 5. Was "Onshore Pipeline, Including Valve Sites" OR "Offshore Pipeline, Including Riser and Riser Bend" selected in PART C, Question 2? - If Yes - (Complete 5a. – 5e. below) 5a. Type of upstream valve used to initially isolate release source: 5b. Type of downstream valve used to initially isolate release	No
Accident (psig): 4. Not including pressure reductions required by PHMSA regulations (such as for repairs and pipe movement), was the system or facility relating to the Accident operating under an established pressure restriction with pressure limits below those normally allowed by the MOP? - If Yes, Complete 4.a and 4.b below: 4a. Did the pressure exceed this established pressure restriction? 4b. Was this pressure restriction mandated by PHMSA or the State? 5. Was "Onshore Pipeline, Including Valve Sites" OR "Offshore Pipeline, Including Riser and Riser Bend" selected in PART C, Question 2? - If Yes - (Complete 5a. – 5e. below) 5a. Type of upstream valve used to initially isolate release source: 5b. Type of downstream valve used to initially isolate release source:	No
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Accident (psig): 4. Not including pressure reductions required by PHMSA regulations (such as for repairs and pipe movement), was the system or facility relating to the Accident operating under an established pressure restriction with pressure limits below those normally allowed by the MOP? - If Yes, Complete 4.a and 4.b below: 4a. Did the pressure exceed this established pressure restriction? 4b. Was this pressure restriction mandated by PHMSA or the State? 5. Was "Onshore Pipeline, Including Valve Sites" OR "Offshore Pipeline, Including Riser and Riser Bend" selected in PART C, Question 2? - If Yes - (Complete 5a. – 5e. below) 5a. Type of upstream valve used to initially isolate release source: 5b. Type of downstream valve used to initially isolate release source: 5c. Length of segment isolated between valves (ft): 5d. Is the pipeline configured to accommodate internal	No
Accident (psig): 4. Not including pressure reductions required by PHMSA regulations (such as for repairs and pipe movement), was the system or facility relating to the Accident operating under an established pressure restriction with pressure limits below those normally allowed by the MOP? - If Yes, Complete 4.a and 4.b below: 4a. Did the pressure exceed this established pressure restriction? 4b. Was this pressure restriction mandated by PHMSA or the State? 5. Was "Onshore Pipeline, Including Valve Sites" OR "Offshore Pipeline, Including Riser and Riser Bend" selected in PART C, Question 2? - If Yes - (Complete 5a. – 5e. below) 5a. Type of upstream valve used to initially isolate release source: 5b. Type of downstream valve used to initially isolate release source: 5c. Length of segment isolated between valves (ft):	No No
Accident (psig): 4. Not including pressure reductions required by PHMSA regulations (such as for repairs and pipe movement), was the system or facility relating to the Accident operating under an established pressure restriction with pressure limits below those normally allowed by the MOP? - If Yes, Complete 4.a and 4.b below: 4a. Did the pressure exceed this established pressure restriction? 4b. Was this pressure restriction mandated by PHMSA or the State? 5. Was "Onshore Pipeline, Including Valve Sites" OR "Offshore Pipeline, Including Riser and Riser Bend" selected in PART C, Question 2? - If Yes - (Complete 5a. – 5e. below) 5a. Type of upstream valve used to initially isolate release source: 5b. Type of downstream valve used to initially isolate release source: 5c. Length of segment isolated between valves (ft): 5d. Is the pipeline configured to accommodate internal inspection tools? - If No, Which physical features limit tool accommodation?	No No
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- If Yes, Which operational factors complicate execution? (select all that approximately approximate	oply)
- Excessive debris or scale, wax, or other wall buildup	
- Low operating pressure(s)	
- Low flow or absence of flow	
- Incompatible commodity	
- Other -	
- If Other, Describe:	
5f. Function of pipeline system:	
6. Was a Supervisory Control and Data Acquisition (SCADA)-based	Yes
system in place on the pipeline or facility involved in the Accident?	1
If Yes -	Γv
6a. Was it operating at the time of the Accident?	Yes
6b. Was it fully functional at the time of the Accident?	Yes
6c. Did SCADA-based information (such as alarm(s),	
alert(s), event(s), and/or volume calculations) assist with	Yes
the detection of the Accident?	
6d. Did SCADA-based information (such as alarm(s),	Vee
alert(s), event(s), and/or volume calculations) assist with	Yes
the confirmation of the Accident?	
Was a CPM leak detection system in place on the pipeline or facility involved in the Accident?	Yes
- If Yes:	
	Yes
7a. Was it operating at the time of the Accident? 7b. Was it fully functional at the time of the Accident?	Yes
7b. Was it fully functional at the time of the Accident? 7c. Did CPM leak detection system information (such as	। । । ।
alarm(s), alert(s), event(s), and/or volume calculations) assist	Yes
with the detection of the Accident?	res
7d. Did CPM leak detection system information (such as	
alarm(s), alert(s), event(s), and/or volume calculations) assist	Yes
with the confirmation of the Accident?	165
Number of the Accident: New was the Accident initially identified for the Operator?	Controller
- If Other, Specify:	Controller
8a. If "Controller", "Local Operating Personnel", including	
contractors", "Air Patrol", or "Guard Patrol by Operator or its	Operator employee
contractors, All Patrol, of Guard Patrol by Operator of its contractor" is selected in Question 8, specify the following:	Operator employee
	No, the Operator did not find that an investigation of the
9. Was an investigation initiated into whether or not the controller(s) or	controller(s) actions or control room issues was necessary
control room issues were the cause of or a contributing factor to the	due to: (provide an explanation for why the Operator did not
Accident?	investigate)
- If No, the Operator did not find that an investigation of the	due to the cause of the release resulted from a broken
controller(s) actions or control room issues was necessary due to:	fitting on the thermal relief valve, the controlled did not
(provide an explanation for why the operator did not investigate)	contrubute to the release.
- If Yes, specify investigation result(s): (select all that apply)	
 Investigation reviewed work schedule rotations, 	
continuous hours of service (while working for the	
Operator), and other factors associated with fatigue	
- Investigation did NOT review work schedule rotations,	
continuous hours of service (while working for the	
Operator), and other factors associated with fatigue	
Provide an explanation for why not:	
 Investigation identified no control room issues 	
 Investigation identified no controller issues 	
 Investigation identified incorrect controller action or 	
controller error	
 Investigation identified that fatigue may have affected the 	
controller(s) involved or impacted the involved controller(s)	
response	
- Investigation identified incorrect procedures	
 Investigation identified incorrect control room equipment 	
operation	
 Investigation identified maintenance activities that affected 	
control room operations, procedures, and/or controller	
response	
- Investigation identified areas other than those above:	
Describe:	
PART F - DRUG & ALCOHOL TESTING INFORMATION	

As a result of this Accident, were any Operator employees tested	
under the post-accident drug and alcohol testing requirements of DOT's	No
Drug & Alcohol Testing regulations?	
- If Yes:	
1a. Specify how many were tested:	
1b. Specify how many failed:	
2. As a result of this Accident, were any Operator contractor employees	
tested under the post-accident drug and alcohol testing requirements of	No
DOT's Drug & Alcohol Testing regulations?	
- If Yes:	
2a. Specify how many were tested:	
2b. Specify how many failed:	
PART G – APPARENT CAUSE	
Select only one box from PART G in shaded column on left represent the questions on the right. Describe secondary, contributing or root	
Apparent Cause:	G6 - Equipment Failure
G1 - Corrosion Failure - only one sub-cause can be picked from shad	ded left-hand column
External Corrosion:	
Internal Corrosion:	
- If External Corrosion:	
Results of visual examination:	
- If Other, Describe:	
Type of corrosion: (select all that apply)	
- Galvanic	
- Atmospheric	
- Stray Current	
- Microbiological	
- Selective Seam	
- Other:	
- Other: - If Other, Describe:	
- If Other, Describe:	g: (select all that apply)
- If Other, Describe: 3. The type(s) of corrosion selected in Question 2 is based on the following	g: (select all that apply)
- If Other, Describe: 3. The type(s) of corrosion selected in Question 2 is based on the followin - Field examination	g: (select all that apply)
- If Other, Describe: 3. The type(s) of corrosion selected in Question 2 is based on the followin - Field examination - Determined by metallurgical analysis	g: (select all that apply)
- If Other, Describe: 3. The type(s) of corrosion selected in Question 2 is based on the followin - Field examination - Determined by metallurgical analysis - Other:	g: (select all that apply)
- If Other, Describe: 3. The type(s) of corrosion selected in Question 2 is based on the followin - Field examination - Determined by metallurgical analysis - Other: - If Other, Describe:	g: (select all that apply)
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- If Other, Describe: 3. The type(s) of corrosion selected in Question 2 is based on the followin - Field examination - Determined by metallurgical analysis - Other: - If Other, Describe: 4. Was the failed item buried under the ground? - If Yes: - If Yes: - If Yes: - If Yes - Year protection started: 4b. Was shielding, tenting, or disbonding of coating evident at the point of the Accident?	g: (select all that apply)
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- If Other, Describe: 3. The type(s) of corrosion selected in Question 2 is based on the followin - Field examination - Determined by metallurgical analysis - Other: - If Other, Describe: 4. Was the failed item buried under the ground? - If Yes: - If Yes: - If Other, Describe: 4. Was the failed item buried under the ground? - If Yes: - If Yes - Year protection started: 4b. Was shielding, tenting, or disbonding of coating evident at the point of the Accident? 4c. Has one or more Cathodic Protection Survey been conducted at the point of the Accident? 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? - If Internal Corrosion: 6. Results of visual examination: - Other: 7. Type of corrosion (select all that apply): - - Corrosive Commodity	g: (select all that apply)
- If Other, Describe: 3. The type(s) of corrosion selected in Question 2 is based on the followin - Field examination - Determined by metallurgical analysis - Other: - If Other, Describe: 4. Was the failed item buried under the ground? - If Yes: - If Yes: - If Other, Describe: 4. Was the failed item buried under the ground? - If Yes: - If Yes - Year protection started: 4b. Was shielding, tenting, or disbonding of coating evident at the point of the Accident? 4c. Has one or more Cathodic Protection Survey been conducted at the point of the Accident? 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? - If Internal Corrosion: 6. Results of visual examination: - Other: 7. Type of corrosion (select all that apply): - - Corrosive Commodity - Water drop-out/Acid	g: (select all that apply)
- If Other, Describe: 3. The type(s) of corrosion selected in Question 2 is based on the followin - Field examination - Determined by metallurgical analysis - Other: - If Other, Describe: 4. Was the failed item buried under the ground? - If Yes: - If Yes: - If Other, Describe: 4. Was the failed item buried under the ground? - If Yes: - If Yes - Year protection started: 4b. Was shielding, tenting, or disbonding of coating evident at the point of the Accident? 4c. Has one or more Cathodic Protection Survey been conducted at the point of the Accident? 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? - If Internal Corrosion: 6. Results of visual examination: - Other: 7. Type of corrosion (select all that apply): - - Corrosive Commodity	g: (select all that apply)
- If Other, Describe: 3. The type(s) of corrosion selected in Question 2 is based on the followin - Field examination - Determined by metallurgical analysis - Other: - If Other, Describe: 4. Was the failed item buried under the ground? - If Yes: - If Yes: - If Other, Describe: 4. Was the failed item buried under the ground? - If Yes: - If Yes - Year protection started: 4b. Was shielding, tenting, or disbonding of coating evident at the point of the Accident? 4c. Has one or more Cathodic Protection Survey been conducted at the point of the Accident? 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? - If Internal Corrosion: 6. Results of visual examination: - Other: 7. Type of corrosion (select all that apply): - - Corrosive Commodity - Water drop-out/Acid	g: (select all that apply)
- If Other, Describe: 3. The type(s) of corrosion selected in Question 2 is based on the followin - Field examination - Determined by metallurgical analysis - Other: - If Other, Describe: 4. Was the failed item buried under the ground? - If Yes:	g: (select all that apply)
- If Other, Describe: 3. The type(s) of corrosion selected in Question 2 is based on the followin - Field examination - Determined by metallurgical analysis - Other: - If Other, Describe: 4. 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 Accident? If Yes - Year protection started: 4b. Was shielding, tenting, or disbonding of coating evident at the point of the Accident? 4c. Has one or more Cathodic Protection Survey been conducted at the point of the Accident? 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? - If Internal Corrosion: 6. Results of visual examination: - Other: 7. Type of corrosion (select all that apply): - Corrosive Commodity - Water drop-out/Acid - Microbiological - Erosion - Other:	g: (select all that apply)
- If Other, Describe: 3. The type(s) of corrosion selected in Question 2 is based on the followin - Field examination - Determined by metallurgical analysis - Other: - If Other, Describe: 4. Was the failed item buried under the ground? - If Yes: - If Yes: - If Yes: - If Yes - Year protection started: 4b. Was shielding, tenting, or disbonding of coating evident at the point of the Accident? 4c. Has one or more Cathodic Protection Survey been conducted at the point of the Accident? 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? - If Internal Corrosion: 6. Results of visual examination: - Other: 7. Type of corrosion (select all that apply): Corrosive Commodity - Water drop-out/Acid - Microbiological - Erosion - Other: - If Other, Describe:	
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- Other:	
- If Other, Describe:	
9. Location of corrosion (select all that apply):	
- Low point in pipe	
- Elbow	
- Other:	
- If Other, Describe:	
10. Was the commodity treated with corrosion inhibitors or biocides?	
11. Was the interior coated or lined with protective coating?	
12. Were cleaning/dewatering pigs (or other operations) routinely	
utilized?	
13. Were corrosion coupons routinely utilized?	
Complete the following if any Corrosion Failure sub-cause is selected AND	the "Item Involved in Accident" (from PART C,
Question 3) is Tank/Vessel.	
14. List the year of the most recent inspections:	
14a. API Std 653 Out-of-Service Inspection	
- No Out-of-Service Inspection completed	
14b. API Std 653 In-Service Inspection	
- No In-Service Inspection completed	
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Complete the following if any Corrosion Failure sub-cause is selected AND Question 3) is Pipe or Weld.	the "Item Involved in Accident" (from PART C,
15. Has one or more internal inspection tool collected data at the point of the	
Accident?	
15a. If Yes, for each tool used, select type of internal inspection tool and i	ndicate most recent year run: -
- Magnetic Flux Leakage Tool	
Most recent year:	
- Ultrasonic	
Most recent year:	
- Geometry	
Most recent year:	
- Caliper	
Most recent year:	
- Crack	
Most recent year:	
- Hard Spot	
Most recent year:	
- Combination Tool	
Most recent year:	
- Transverse Field/Triaxial	
Most recent year:	
- Other	
Most recent year:	
Describe:	
16. Has one or more hydrotest or other pressure test been conducted since original construction at the point of the Accident?	
If Yes -	
Most recent year tested:	
Test pressure:	
17. Has one or more Direct Assessment been conducted on this segment?	
- If Yes, and an investigative dig was conducted at the point of the Accident::	
Most recent year conducted:	
 If Yes, but the point of the Accident was not identified as a dig site: 	
Most recent year conducted:	
18. Has one or more non-destructive examination been conducted at the	
point of the Accident since January 1, 2002?	
18a. If Yes, for each examination conducted since January 1, 2002, select type recent year the examination was conducted:	e of non-destructive examination and indicate most
- Radiography	
0 1 7	
Most recent year conducted:	
- Guided Wave Ultrasonic	
Most recent year conducted:	
- Handheld Ultrasonic Tool	
Most recent year conducted:	
- Wet Magnetic Particle Test	
Most recent year conducted:	
- Dry Magnetic Particle Test	
Most recent year conducted:	
Most recent year conducted.	
- Other	
•	

Natural Force Damage – Sub-Cause:
- If Earth Movement, NOT due to Heavy Rains/Floods:
1. Specify:
- If Other, Describe: - If Heavy Rains/Floods:
2. Specify:
- If Other, Describe:
- If Lightning:
3. Specify:
- If Temperature: 4. Specify:
- If Other, Describe:
- If High Winds:
- If Other Natural Force Damage:
5. Describe:
Complete the following if any Natural Force Damage sub-cause is selected.
6. Were the natural forces causing the Accident generated in
conjunction with an extreme weather event?
6a. If Yes, specify: (select all that apply) - Hurricane
- Tropical Storm
- Tornado
- Other
- If Other, Describe:
G3 - Excavation Damage - only one sub-cause can be picked from shaded left-hand column
Excavation Damage – Sub-Cause:
- If Excavation Damage by Operator (First Party):
- If Excavation Damage by Operator's Contractor (Second Party):
W.F. and the Danier by Third Books
- If Excavation Damage by Third Party:
- If Previous Damage due to Excavation Activity:
-
Complete Questions 1-5 ONLY IF the "Item Involved in Accident" (from PART C, Question 3) is Pipe or Weld. 1. Has one or more internal inspection tool collected data at the point of
Complete Questions 1-5 ONLY IF the "Item Involved in Accident" (from PART C, Question 3) is Pipe or Weld. 1. Has one or more internal inspection tool collected data at the point of the Accident?
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Complete Questions 1-5 ONLY IF the "Item Involved in Accident" (from PART C, Question 3) is Pipe or Weld. 1. Has one or more internal inspection tool collected data at the point of the Accident? 1a. If Yes, for each tool used, select type of internal inspection tool and indicate most recent year run: - - Magnetic Flux Leakage Most recent year conducted:
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Complete Questions 1-5 ONLY IF the "Item Involved in Accident" (from PART C, Question 3) is Pipe or Weld. 1. Has one or more internal inspection tool collected data at the point of the Accident? 1a. If Yes, for each tool used, select type of internal inspection tool and indicate most recent year run: - - Magnetic Flux Leakage Most recent year conducted:
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Complete Questions 1-5 ONLY IF the "Item Involved in Accident" (from PART C, Question 3) is Pipe or Weld. 1. Has one or more internal inspection tool collected data at the point of the Accident? 1a. If Yes, for each tool used, select type of internal inspection tool and indicate most recent year run: - - Magnetic Flux Leakage Most recent year conducted: - Ultrasonic Most recent year conducted: - Geometry Most recent year conducted: - Caliper Most recent year conducted: - Crack Most recent year conducted: - Hard Spot Most recent year conducted: - Combination Tool Most recent year conducted: - Transverse Field/Triaxial Most recent year conducted: - Other Most recent year conducted: - Othe

4. Has one or more Direct Assessment been conducted on the pipeline	
segment? - If Yes, and an investigative dig was conducted at the point of the Acci	dent:
Most recent year conducted:	
- If Yes, but the point of the Accident was not identified as a dig site:	
Most recent year conducted:	
5. Has one or more non-destructive examination been conducted at the point of the Accident since January 1, 2002?	
5a. If Yes, for each examination, conducted since January 1, 2002, recent year the examination was conducted:	select type of non-destructive examination and indicate most
- Radiography	
Most recent year conducted:	
- Guided Wave Ultrasonic	
Most recent year conducted:	
- Handheld Ultrasonic Tool	
Most recent year conducted: - Wet Magnetic Particle Test	
Most recent year conducted:	
- Dry Magnetic Particle Test	
Most recent year conducted:	
- Other	
Most recent year conducted:	
Describe:	
Complete the following if Excavation Damage by Third Party is selected	ed as the sub-cause.
6. Did the operator get prior notification of the excavation activity?	
6a. If Yes, Notification received from: (select all that apply) -	
- One-Call System	
- Excavator	
- Contractor - Landowner	
Complete the following mandatory CGA-DIRT Program questions if any	r Excavation Damage sub-cause is selected.
7. Do you want PHMSA to upload the following information to CGA- DIRT (www.cga-dirt.com)?	
Right-of-Way where event occurred: (select all that apply) -	
- Public	
- If "Public", Specify:	
- Private	
- If "Private", Specify:	
- Pipeline Property/Easement - Power/Transmission Line	
- Railroad	
- Dedicated Public Utility Easement	
- Federal Land	
- Data not collected	
- Unknown/Other	
9. Type of excavator:	
Type of excavation equipment: Type of work performed:	
12. Was the One-Call Center notified?	
12a. If Yes, specify ticket number:	
12b. If this is a State where more than a single One-Call Center	
exists, list the name of the One-Call Center notified:	
13. Type of Locator:	
14. Were facility locate marks visible in the area of excavation?	
15. Were facilities marked correctly?16. Did the damage cause an interruption in service?	
16a. If Yes, specify duration of the interruption (hours)	
17. Description of the CGA-DIRT Root Cause (select only the one predon	ninant first level CGA-DIRT Root Cause and then, where
available as a choice, the one predominant second level CGA-DIRT Root	
Root Cause:	,
- If One-Call Notification Practices Not Sufficient, specify:	
- If Locating Practices Not Sufficient, specify:	
- If Excavation Practices Not Sufficient, specify:	
- If Other/None of the Above, explain:	
G4 - Other Outside Force Damage - only one sub-cause can be selected from the shaded left-hand column	
Other Outside Force Damage – Sub-Cause:	

- If Nearby Industrial, Man-made, or Other Fire/Explosion as Primary Cause of Incident:		
- If Damage by Car, Truck, or Other Motorized Vehicle/Equipment NO	Γ Engaged in Excavation:	
Vehicle/Equipment operated by: If Damage by Boats, Barges, Drilling Rigs, or Other Maritime Equipment	pont or Voccola Set Adrift or Which Have Otherwise Leet	
Their Mooring:		
2. Select one or more of the following IF an extreme weather event was a	factor:	
- Hurricane - Tropical Storm		
- Tornado		
- Heavy Rains/Flood - Other		
- Other - If Other, Describe:		
- If Routine or Normal Fishing or Other Maritime Activity NOT Engage	d in Excavation:	
- If Electrical Arcing from Other Equipment or Facility:		
- If Previous Mechanical Damage NOT Related to Excavation:		
Complete Questions 3-7 ONLY IF the "Item Involved in Accident" (from	m PART C, Question 3) is Pipe or Weld.	
3. Has one or more internal inspection tool collected data at the point of the Accident?		
If Yes, for each tool used, select type of internal inspection tool and inc - Magnetic Flux Leakage	dicate most recent year run:	
Most recent year conducted:		
- Ultrasonic		
Most recent year conducted: - Geometry		
Most recent year conducted:		
- Caliper Most recent year conducted:		
- Crack		
Most recent year conducted:		
- Hard Spot Most recent year conducted:		
- Combination Tool		
Most recent year conducted:		
- Transverse Field/Triaxial Most recent year conducted:		
- Other		
Most recent year conducted:		
Describe: 4. Do you have reason to believe that the internal inspection was		
completed BEFORE the damage was sustained?		
5. Has one or more hydrotest or other pressure test been conducted since original construction at the point of the Accident?		
- If Yes:		
Most recent year tested:		
Test pressure (psig): 6. Has one or more Direct Assessment been conducted on the pipeline		
segment?		
- If Yes, and an investigative dig was conducted at the point of the Accident: Most recent year conducted:		
- If Yes, but the point of the Accident was not identified as a dig site:		
Most recent year conducted:		
7. Has one or more non-destructive examination been conducted at the point of the Accident since January 1, 2002?		
7a. If Yes, for each examination conducted since January 1, 2002, se	elect type of non-destructive examination and indicate most	
recent year the examination was conducted: - Radiography		
Most recent year conducted:		
- Guided Wave Ultrasonic		
Most recent year conducted: - Handheld Ultrasonic Tool		
Most recent year conducted:		
- Wet Magnetic Particle Test		
Most recent year conducted: - Dry Magnetic Particle Test		
Most recent year conducted:		
- Other Most recent year conducted:		

Describe:	
- If Intentional Damage:	
8. Specify:	
- If Other, Describe:	
- If Other Outside Force Damage:	
9. Describe:	
G5 - Material Failure of Pipe or Weld - only one sub-cause can be	selected from the shaded left-hand column
Use this section to report material failures ONLY IF the "Item Involved "Weld."	d in Accident" (from PART C, Question 3) is "Pipe" or
Material Failure of Pipe or Weld – Sub-Cause:	
1. The sub-cause selected below is based on the following: (select all that	nt apply)
- Field Examination	
- Determined by Metallurgical Analysis	
- Other Analysis	
- If "Other Analysis", Describe:	
- Sub-cause is Tentative or Suspected; Still Under Investigation	
(Supplemental Report required)	
- If Construction, Installation, or Fabrication-related: 2. List contributing factors: (select all that apply)	
- Fatigue or Vibration-related	
Specify:	
- If Other, Describe:	
- Mechanical Stress:	
- Other	
- If Other, Describe:	
- If Original Manufacturing-related (NOT girth weld or other welds for	med in the field):
2. List contributing factors: (select all that apply)	
- Fatigue or Vibration-related:	
Specify:	
- If Other, Describe:	
- Mechanical Stress:	
- Other	
- If Other, Describe:	
- If Environmental Cracking-related: 3. Specify:	
- Other - Describe:	
Complete the following if any Material Failure of Pipe or Weld sub-cau	se is selected.
4. Additional factors: (select all that apply):	
- Dent	
- Gouge	
- Pipe Bend	
- Arc Burn	
- Crack	
- Lack of Fusion	
- Lamination - Buckle	
- Wrinkle	
- Misalignment	
- Burnt Steel	
- Other:	
- If Other, Describe:	
5. Has one or more internal inspection tool collected data at the point of the Accident?	
5a. If Yes, for each tool used, select type of internal inspection tool a	nd indicate most recent vear run:
- Magnetic Flux Leakage	,
Most recent year run:	
- Ultrasonic	
Most recent year run:	
- Geometry	
Most recent year run:	
- Caliper	
Most recent year run:	
- Crack	
Most recent year run: - Hard Spot	
·	
Most recent year run:	

- Combination Tool	
Most recent year run:	
- Transverse Field/Triaxial	
Most recent year run:	
- Other	
Most recent year run:	
Describe:	
6. Has one or more hydrotest or other pressure test been conducted since original construction at the point of the Accident?	
- If Yes:	
Most recent year tested:	
Test pressure (psig):	
7. Has one or more Direct Assessment been conducted on the pipeline	
segment?	
- If Yes, and an investigative dig was conducted at the point of the Acci	dent -
Most recent year conducted:	
- If Yes, but the point of the Accident was not identified as a dig site -	
Most recent year conducted:	
8. Has one or more non-destructive examination(s) been conducted at the	
point of the Accident since January 1, 2002?	
8a. If Yes, for each examination conducted since January 1, 2002, so	elect type of non-destructive examination and indicate most
recent year the examination was conducted: -	
- Radiography	
Most recent year conducted:	
- Guided Wave Ultrasonic	
Most recent year conducted:	
- Handheld Ultrasonic Tool	
Most recent year conducted:	
- Wet Magnetic Particle Test	
Most recent year conducted:	
- Dry Magnetic Particle Test	
Most recent year conducted:	
- Other	
Most recent year conducted:	
Describe:	
	he shaded left-hand column
G6 – Equipment Failure - only one sub-cause can be selected from t	he shaded left-hand column
G6 - Equipment Failure - only one sub-cause can be selected from t	he shaded left-hand column Threaded Connection/Coupling Failure
G6 – Equipment Failure - only one sub-cause can be selected from t Equipment Failure – Sub-Cause:	
G6 – Equipment Failure - only one sub-cause can be selected from t Equipment Failure – Sub-Cause: - If Malfunction of Control/Relief Equipment:	
G6 – Equipment Failure - only one sub-cause can be selected from t Equipment Failure – Sub-Cause: - If Malfunction of Control/Relief Equipment: 1. Specify: (select all that apply) -	
G6 – Equipment Failure - only one sub-cause can be selected from t Equipment Failure – Sub-Cause: - If Malfunction of Control/Relief Equipment: 1. Specify: (select all that apply) - - Control Valve	
G6 – Equipment Failure - only one sub-cause can be selected from t Equipment Failure – Sub-Cause: - If Malfunction of Control/Relief Equipment: 1. Specify: (select all that apply) - - Control Valve - Instrumentation	
G6 – Equipment Failure - only one sub-cause can be selected from to Equipment Failure – Sub-Cause: - If Malfunction of Control/Relief Equipment: 1. Specify: (select all that apply) Control Valve - Instrumentation - SCADA	
G6 – Equipment Failure - only one sub-cause can be selected from t Equipment Failure – Sub-Cause: - If Malfunction of Control/Relief Equipment: 1. Specify: (select all that apply) - - Control Valve - Instrumentation - SCADA - Communications	
G6 – Equipment Failure - only one sub-cause can be selected from to Equipment Failure – Sub-Cause: - If Malfunction of Control/Relief Equipment: 1. Specify: (select all that apply) - - Control Valve - Instrumentation - SCADA - Communications - Block Valve	
G6 – Equipment Failure - only one sub-cause can be selected from to Equipment Failure – Sub-Cause: - If Malfunction of Control/Relief Equipment: 1. Specify: (select all that apply) - - Control Valve - Instrumentation - SCADA - Communications	
G6 – Equipment Failure - only one sub-cause can be selected from to Equipment Failure – Sub-Cause: - If Malfunction of Control/Relief Equipment: 1. Specify: (select all that apply) - - Control Valve - Instrumentation - SCADA - Communications - Block Valve - Check Valve - Relief Valve	
G6 – Equipment Failure - only one sub-cause can be selected from to Equipment Failure – Sub-Cause: - If Malfunction of Control/Relief Equipment: 1. Specify: (select all that apply) - - Control Valve - Instrumentation - SCADA - Communications - Block Valve - Check Valve - Relief Valve - Power Failure	
G6 – Equipment Failure - only one sub-cause can be selected from to Equipment Failure – Sub-Cause: - If Malfunction of Control/Relief Equipment: 1. Specify: (select all that apply) - - Control Valve - Instrumentation - SCADA - Communications - Block Valve - Check Valve - Relief Valve	
G6 – Equipment Failure - only one sub-cause can be selected from to Equipment Failure – Sub-Cause: - If Malfunction of Control/Relief Equipment: 1. Specify: (select all that apply) Control Valve - Instrumentation - SCADA - Communications - Block Valve - Check Valve - Relief Valve - Power Failure - Stopple/Control Fitting	
G6 – Equipment Failure - only one sub-cause can be selected from to Equipment Failure – Sub-Cause: - If Malfunction of Control/Relief Equipment: 1. Specify: (select all that apply) Control Valve - Instrumentation - SCADA - Communications - Block Valve - Check Valve - Relief Valve - Power Failure - Stopple/Control Fitting - ESD System Failure - Other	
G6 - Equipment Failure - only one sub-cause can be selected from to Equipment Failure - Sub-Cause: - If Malfunction of Control/Relief Equipment: 1. Specify: (select all that apply) Control Valve - Instrumentation - SCADA - Communications - Block Valve - Check Valve - Check Valve - Relief Valve - Power Failure - Stopple/Control Fitting - ESD System Failure - Other - If Other - Describe:	
G6 - Equipment Failure - only one sub-cause can be selected from to Equipment Failure - Sub-Cause: - If Malfunction of Control/Relief Equipment: 1. Specify: (select all that apply) Control Valve - Instrumentation - SCADA - Communications - Block Valve - Check Valve - Relief Valve - Relief Valve - Power Failure - Stopple/Control Fitting - ESD System Failure - Other - If Other - Describe: - If Pump or Pump-related Equipment:	
G6 – Equipment Failure - only one sub-cause can be selected from t Equipment Failure – Sub-Cause: - If Malfunction of Control/Relief Equipment: 1. Specify: (select all that apply) Control Valve - Instrumentation - SCADA - Communications - Block Valve - Check Valve - Check Valve - Relief Valve - Power Failure - Stopple/Control Fitting - ESD System Failure - Other - If Other – Describe: - If Pump or Pump-related Equipment: 2. Specify:	
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G6 - Equipment Failure - only one sub-cause can be selected from to Equipment Failure - Sub-Cause: - If Malfunction of Control/Relief Equipment: 1. Specify: (select all that apply) Control Valve - Instrumentation - SCADA - Communications - Block Valve - Check Valve - Check Valve - Relief Valve - Power Failure - Stopple/Control Fitting - ESD System Failure - Other - If Other - Describe: - If Pump or Pump-related Equipment: 2. Specify: - If Other - Describe: - If Threaded Connection/Coupling Failure: 3. Specify:	
G6 - Equipment Failure - only one sub-cause can be selected from the Equipment Failure - Sub-Cause: - If Malfunction of Control/Relief Equipment: 1. Specify: (select all that apply) Control Valve - Instrumentation - SCADA - Communications - Block Valve - Check Valve - Check Valve - Relief Valve - Power Failure - Stopple/Control Fitting - ESD System Failure - Other - If Other - Describe: - If Pump or Pump-related Equipment: 2. Specify: - If Other - Describe: - If Threaded Connection/Coupling Failure: 3. Specify: - If Other - Describe:	Threaded Connection/Coupling Failure
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G6 – Equipment Failure - only one sub-cause can be selected from t Equipment Failure – Sub-Cause: - If Malfunction of Control/Relief Equipment: 1. Specify: (select all that apply) Control Valve - Instrumentation - SCADA - Communications - Block Valve - Check Valve - Relief Valve - Relief Valve - Power Failure - Stopple/Control Fitting - ESD System Failure - Other - If Other – Describe: - If Pump or Pump-related Equipment: 2. Specify: - If Other – Describe: - If Threaded Connection/Coupling Failure: 3. Specify: - If Other – Describe: - If Non-threaded Connection Failure: 4. Specify:	Threaded Connection/Coupling Failure
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G6 - Equipment Failure - only one sub-cause can be selected from t Equipment Failure - Sub-Cause: - If Malfunction of Control/Relief Equipment: 1. Specify: (select all that apply) Control Valve - Instrumentation - SCADA - Communications - Block Valve - Check Valve - Relief Valve - Relief Valve - Power Failure - Stopple/Control Fitting - ESD System Failure - Other - If Other - Describe: - If Pump or Pump-related Equipment: 2. Specify: - If Other - Describe: - If Threaded Connection/Coupling Failure: 3. Specify: - If Other - Describe: - If Non-threaded Connection Failure: 4. Specify: - If Other - Describe:	Threaded Connection/Coupling Failure Threaded Fitting
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G6 - Equipment Failure - only one sub-cause can be selected from t Equipment Failure - Sub-Cause: - If Malfunction of Control/Relief Equipment: 1. Specify: (select all that apply) Control Valve - Instrumentation - SCADA - Communications - Block Valve - Check Valve - Relief Valve - Power Failure - Stopple/Control Fitting - ESD System Failure - Other - If Other - Describe: - If Pump or Pump-related Equipment: 2. Specify: - If Other - Describe: - If Non-threaded Connection/Coupling Failure: 3. Specify: - If Non-threaded Connection Failure: 4. Specify: - If Other - Describe:	Threaded Connection/Coupling Failure Threaded Fitting

Complete the following if any Equipment Failure sub-cause is selected	d.
6. Additional factors that contributed to the equipment failure: (select all to	hat apply)
- Excessive vibration	Yes
- Overpressurization	
- No support or loss of support	
- Manufacturing defect	
- Loss of electricity	
- Improper installation	
Mismatched items (different manufacturer for tubing and tubing)	
fittings)	
- Dissimilar metals	
- Breakdown of soft goods due to compatibility issues with	
transported commodity	
- Valve vault or valve can contributed to the release	
- Alarm/status failure	
- Misalignment	
- Thermal stress	
- Other	
- If Other, Describe:	
G7 - Incorrect Operation - only one sub-cause can be selected from	the shaded left-hand column
Incorrect Operation – Sub-Cause:	
Damage by Operator or Operator's Contractor NOT Related to Excavation and NOT due to Motorized Vehicle/Equipment Damage	
Tank, Vessel, or Sump/Separator Allowed or Caused to Overfill or Overflow	
1. Specify:	
- If Other, Describe:	
Valve Left or Placed in Wrong Position, but NOT Resulting in a Tank, Vessel, or Sump/Separator Overflow or Facility Overpressure	
Pipeline or Equipment Overpressured	
Equipment Not Installed Properly	
Wrong Equipment Specified or Installed	
Other Incorrect Operation	
2. Describe:	
Complete the following if any Incorrect Operation sub-cause is selected	ed.
3. Was this Accident related to (select all that apply): -	
- Inadequate procedure	
- No procedure established	
- Failure to follow procedure	
- Other:	
- If Other, Describe:	
4. What category type was the activity that caused the Accident?	
5. Was the task(s) that led to the Accident identified as a covered task in your Operator Qualification Program?	
5a. If Yes, were the individuals performing the task(s) qualified for the task(s)?	
G8 - Other Accident Cause - only one sub-cause can be selected fr	om the shaded left-hand column
Other Accident Cause – Sub-Cause:	
- If Miscellaneous:	
1. Describe:	
- If Unknown:	

2. Specify:						
PART H - NARRATIVE DESCRIPTION OF THE ACCIDENT						
A release occurred at the Ludden Pump Station on the 3/1" pipe nipple under the thermal relief valve located on the facility discharge piping. A root cause analysis has been conducted and the failed fitting investigation performed. The fatique failure of the 3/4" pipe nipple occurred as a result of excessive vibratio. Results have been provided to PHMSA.						
File Full Name						
File Full Name						
PART I - PREPARER AND AUTHORIZED SIGNATUR	E					
Preparer's Name	Daniel C Cerkoney					
Preparer's Title	Compliance Engineer					
Preparer's Telephone Number	701-483-1434					
Preparer's E-mail Address	dan_cerkoney@transcanada.com					
Preparer's Facsimile Number	701-483-1431					
Authorized Signature's Name	Daniel C Cerkoney					
Authorized Signature Title	Compliance Engineer					
Authorized Signature Telephone Number	701-290-1176					
Authorized Signature Email	dan_cerkoney@transcanada.com					
Date	11/02/2011					



November 18, 2011

Mr. Kris Roberts North Dakota Department of Health 918 E. Divide Avenue, 4th Floor Bismarck, North Dakota 58501-1947

Subject:

Release Progress Report - Ludden Pump Station

TransCanada - Keystone Pipeline, LP

Brampton, North Dakota

Dear Mr. Roberts:

This report transmits the results of the October 2011 sampling of the land farmed area and surface water in the wetlands at the TransCanada Keystone Pipeline, LP Ludden Pump Station site near Brampton, North Dakota. This report is submitted in reference to your October 26, 2011 correspondence and the finalization of cleanup actions by TransCanada at this site.

Sampling and Analysis Results

Soil Sampling

The land farmed area was resampled on October 20, 2011. The sample locations are shown on Figure 1 and the results are summarized on Table 1. Analytical results continued to show total extractable hydrocarbon (TEH) concentrations in soils below North Dakota Department of Health (NDDH) clean-up levels at all sampling locations.

Water Sampling

The majority of the wetlands previously sampled were found to have no standing water on October 20, 2011, with the exception of the background sample location ¼ mile north of the pump station. The sample location is shown on Figure 2 and the results are summarized on Table 2.

Observed Site Conditions

The crops in the farmed area had been destroyed prior to the October 20, 2011 site visit and the field had been tilled. See attached aerial photograph from October 5, 2011 (Figure 3) showing site and land farm restoration condition.

Recommendation

Based on current conditions at the TransCanada Ludden Pump Station site and your correspondence dated October 26, 2011, we request that no further investigation or remediation be required and that the site be considered for closure.

URS Corporation Fifth Street Towers 100 South Fifth Street, Suite 1500 Minneapolis, MN 55402 612.370.0700 Tel 612.370.1378 Fax



Mr. Kris Roberts North Dakota Department of Health November 18, 2011 Page 2

If you have any questions, please contact Robert Baumgartner of TransCanada Keystone Pipeline at (832) 320-5538 or myself at (612) 373-6849.

Sincerely,

Bruce R. Galer, PG Senior Geologist

cc: Robert Baumgartner, TransCanada Keystone Pipeline

Table 1 Summary of Laboratory Analysis-Wetland Water Samples Ludden Pump Station, Brampton, ND-October 20, 2011

Location	Units	WTLD-025	WTLD-26-N	WTLD-026-S	WTLD-026- Trench	WTLD-027	1/2 Mi-WILD	1/4 MI-N- WTLD	PS-ADJ- WTLD	Human Health
Sample Date		10/20/11	10/20/11	10/20/11	10/20/11	10/20/11	10/20/11	10/20/11	10/20/11	Limit Class III
Туре		NA	NA	NA	NA	NA	NA	Background- Grab	NA	Water
Analyte										
TEH(C09-C40)	mg/L	NA	NA	NA	NA	NA	NA	0.11	NA	
TEM (C09-C40)	mg/L	NA	NA	NA	NA	NA	NA	0.11	NA	
Benzene	μg/L	NA	NA	NA	NA	NA	NA	<1	NA	71
Ethylbenzene	μg/L	NA	NA	NA	NA	NA	NA	<1	NA	2,900
Toluene	μg/L	NA	NA	NA	NA	NA	NA	<1	NA	200,000
Xylene (Total)	μg/L	NA	NA	NA	NA	NA	NA	<3	NA	10,000*

NOTES: mg/L=Milligrams per liter

μg/L= Micrograms per liter

<x = Not detected to reporting limits of x

TEM=total extractable range hydrocarbons without silica gel preparation

TEH=total extractable range hydrocarbons with silica gel preparation

* None listed for Class III water, value represents Class II water, wetlands unlisted are considered Class III waters

--- = No applicable standard

NA = No surface water present at sample location

Location	Units	WTLD-25	WTLD-26-N	WTLD-26-S	WTLD-26- Trench	WTLD-27	1/2 Mi-WILD	1/4 MI-N- WTLD	PS-ADJ- WTLD	Aquatic Life	Aquatic Life
Sample Date		10/20/11	10/20/11	10/20/11	10/20/11	10/20/11	10/20/11	10/20/11	10/20/11	Value Acute	Value Chronic
								Background-		***	***
Type		NA	NA	NA	NA	NA	NA	Grab	NA		
Analyte											
Aluminum, dissolved	μg/L	NA	NA	NA	NA	NA	NA	<200	NA		
Antimony, dissolved	μg/L	NA	NA	NA	NA	NA	NA	<10	NA		640**
Arsenic, dissolved	μg/L	NA	NA	NA	NA	NA	NA	<10	NA	340	150
Barium, dissolved	μg/L	NA	NA	NA	NA	NA	NA	56.5	NA		
Beryllium, dissolved	μg/L	NA	NA	NA	NA	NA	NA	<5.0	NA		
Boron, dissolved	μg/L	NA	NA	NA	NA	NA	NA	<150	NA		
Cadminum, dissolved	μg/L	NA	NA	NA	NA	NA	NA	<1	NA	2.1	0.27
Chromium, dissolved	μg/L	NA	NA	NA	NA	NA	NA	<10	NA	1,800	86
Copper, dissolved	μg/L	NA	NA	NA	NA	NA	NA	<10	NA	14.0	9.3
Lead, dissolved	μg/L	NA	NA	NA	NA	NA	NA	<3	NA	82	3.2
Nickel, dissolved	μg/L	NA	NA	NA	NA	NA	NA	<20	NA	470	52
Selenium, dissolved	μg/L	NA	NA	NA	NA	NA	NA	<15	NA	20	5.0
Silver, dissolved	μg/L	NA	NA	NA	NA	NA	NA	<10	NA	3.8	
Thallium, dissolved	μg/L	NA	NA	NA	NA	NA	NA	<15	NA		0.47**
Zinc, dissolved	μg/L	NA	NA	NA	NA	NA	NA	<20	NA	120	120
Ammonia Nitrogen	mg/L	NA	NA	NA	NA	NA	NA	0.13	NA		

NOTES: mg/L=Milligrams per liter

μg/L= Micrograms per liter

<x = Not detected to reporting limits of x

NA = No surface water present at sample location

^{**} Class III Steam Human Health Standard, no aquatic standard listed

^{***} Some values may be adjusted based on hardness and pH.

Table 2 Summary of Laboratory Analysis-Land Farming Ludden Pump Station, Brampton, ND

May 15, 2011

Location	Units	LF-A	LF-B	LF-C	LF-D	LF-BKG-A	LF-BKG-B	Clean-up
Sample Date		5/15/11	5/15/11	5/15/11	5/15/11	5/15/11	5/15/11	Level
Sample Type		Composite	Composite	Composite	Composite	Composite	Composite	
Chemical of Concern								
% Moisture	%	29.3	28	21.6	18.9	20.7	20.7	
TEH(C09-C40)	mg/kg	228	3.1	4.9	143	3.0	3.5	100
TEM(C09-C40)	mg/kg	214	13	10.7	198	13.7	9.2	100
pН	Std. Units	7.2	5.4	7.1	7.1	5.6	5.9	
Nitrate as N	mg/kg	<5.7	9.4	5.1	<4.9	8.1	7.2	
Total Phosphorus	mg/kg	348	388	349	332	428	337	
Total Organic Carbon	mg/kg	3530	5630	6980	10300	4070	4140	

August 2, 2011

Location	Units	LF-A	LF-B	LF-C	LF-D	LF-E*	LF-BKG-A	LF-BKG-B	Clean-up
Sample Date		8/2/11	8/2/11	8/2/11	8/2/11	8/2/11	8/2/11	8/2/11	Level
Sample Type		Composite							
Chemical of Concern									
% Moisture	%	6.4	12.4	21.1	11.8	23.4	36.2	10.1	
TEH(C09-C40)	mg/kg	4.6	4.2	4.1	5.6	7.7	6.8	4.3	100
TEM(C09-C40)	mg/kg	8.8	9.1	5.3	15.2	11.2	10.3	8.9	100
рН	Std. Units	5.3	5.2	5.5	5.0	7.5	7.7	8.2	
Nitrate as N	mg/kg	<4.3	4.6	<5.1	5.9	<5.2	<6.3	<4.5	
Total Phosphorus	mg/kg	274	287	329	340	273	404	307	
Total Organic Carbon	mg/kg	3810	7300	6670	4810	2810	8670	2870	

October 20, 2011

Location	Units	LF-A	LF-B	LF-C	LF-D	LF-BKG-A	LF-BKG-B	Clean-up
Sample Date		10/20/11	10/20/11	10/20/11	10/20/11	10/20/11	10/20/11	Level
Sample Type		Composite	Composite	Composite	Composite	Composite	Composite	
Chemical of Concern								
% Moisture	%	14.4	7	12.6	9.5	17.5	8.7	
TEH(C09-C40)	mg/kg	8.6	4.1	8.4	74.2	6.2	5.6	100
TEM(C09-C40)	mg/kg	14.2	6.5	10.8	87.4	6.8	9.7	100
рН	Std. Units	7	5	6.3	6.0	8.3	7.9	
Nitrate as N	mg/kg	18.6	10.2	31.2	12.4	6.7	4.3	
Total Phosphorus	mg/kg	347	344	363	327	406	348	
Total Organic Carbon	mg/kg	12100	8030	7040	5640	7100	6690	

NOTES:

TEM=total extractable range hydrocarbons without silica gel preparation

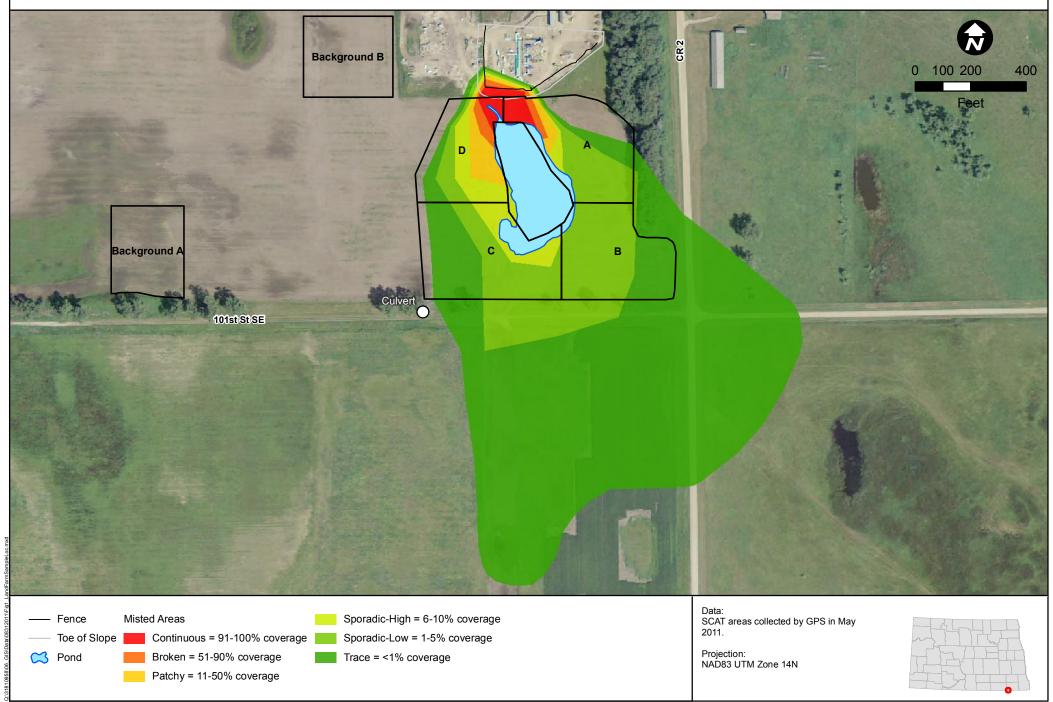
TEH=total extractable range hydrocarbons with silica gel preparation

^{*} In August 2 sampling, the portion of the field that was scraped to remove surficial oil was separated from sample areas LF-A and LF-B and sampled as sample LF-E.

TransCanada Ludden Pump Station

Figure 1. Land Farm Sample Locations - October 20, 2011

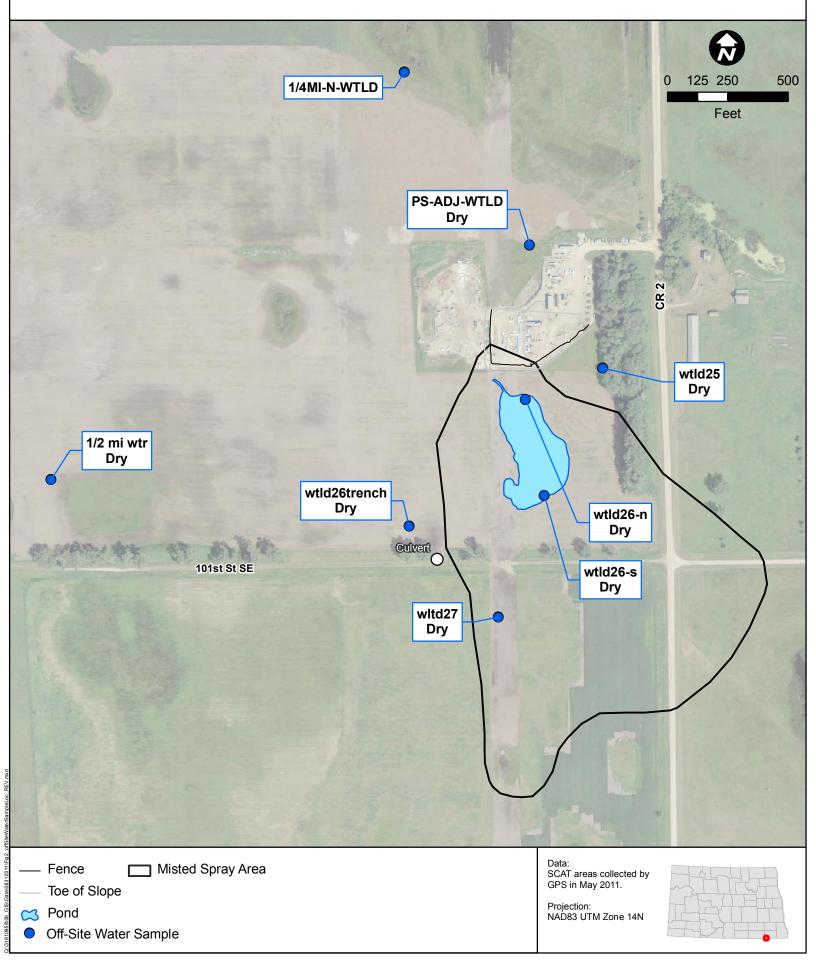
Fifth Street Towers 100 South Fifth Street, Suite 1500 Minneapolis, MN 55402 612.370.0700 Tel 612.370.1378 Fax



TransCanada Ludden Pump Station

Figure 2. Off-Site Water Sampling Locations - October 20, 2011

Fifth Street Towers
100 South Fifth Street, Suite 1500
Minneapolis, MN 55402
612.370.0700 Tel
612.370.1378 Fax



TransCanada Ludden Pump Station

Figure 3. Site Restoration as of October 5, 2011







Environmental Incident Report

This report has been submitted.

North Dakota Department of Health Environmental Health Section 1.701.328.5210 or 1.701.328.5166 North Dakota Department of Emergency Services 1.701.328.8100 1.800.472.2121 State Radio 24-Hour Hotline

If this is an emergency, or for additional assistance, please call the Health or Emergency Services Department at the numbers shown above

This form is NOT for RCRA-exempt oilfield related incidents (for RCRA-exempt oilfield incidents click here)

(if you are not sure which form to use click here)

Fill out information as completely as possible
Error messages appear to the right of the field
Use the Tab key or mouse to move between fields
Pressing the Enter key while in the form will submit the report
Required fields are shown in Red

Location Information:

County	Sargent	
Township	129	
Range	58	4
Section	26	
Quarter		4
QQSection		
QQQSection		

Location Description (911 address or location from nearest town) 10075 119th Ave SE Brampton, ND 58017

Distance to Nearest Residence or Occupied Building 1.3 Units Miles

Incident Information:

Date 5/7/2011
(mm/dd/yyyy) If unknown, enter date of discovery
Time

0605									
hhmm 24-hour time, n	o colon								
Type Other (fill in box)									
Pipeline Pump Station E	Equipment								
Estimated Duration	30 Units	s minutes							
Estimated Volume	500 Units								
Substance released or Crude Oil	of concern (include	trade and/or che	mical name if applicable)						
Agriculture Related? Is this substance on EF	PA's Extremely Haza		e list? No						
Describe Cause									
Small diameter piping fa	illure.								
	ed, soil excavated, evacuation of nearby wn and pump station is response crews olled onsite by earthen	emergency appropersonnel, etc.) solated. a mobilized to the berm. Offsite oil							
Where will recovered									
Recovered crude oil/war Excavated oil impacted	ter mix transported to	LePier Oil, Fossto							
Impact Informatio	n:								
Fatalities	0								
Injuries	0								
Medium affected 04 -	water and soil								
Immediate Risk Evalu NA - work conditions we	• •	-	liate health hazards, etc.) anup activities.						

Potential Environmental Impacts

(describe impacts to, or likelihood of impacts, to surface water, ground water, soils, etc.)

Soils - oil saturated soils were excavated as described above. Residual oil impacts will be treated using insitu landfarming techniques.

Surface water - oil sheen was collected utilizing absorbent boom. Potential dissolved impacts are being monitored.



Responsible Party Information:

Responsible Party	TransCanada				
Address (Line 1)	13710 FNB Parkway				
Address (Line 2)	Suite 300				
City	Omaha				
State/Province	NE - Nebraska	E.			
Zip	68154				
Contact First Name	Robert				
Contact Last Name	Baumgartner				
Contact Telephone	832-320-5538				
Contact Email	robert_baumgartner@trai				
Property Owner if not the Responsible Party					
Has or will the incident be reported to property owner? Unknown					

Reporting Information:

First Name	Robert			
Last Name	Baumgartner			
Date Reported	5/7/2011			
(mm/dd/yyyy)				
Time Reported	1015			
hhmm 24-hour time	e, no colon			
Other agencies that NDDES	t have or will be notified			
State Fire Mars	hal			
State Highway	Patrol			
✓ Local Fire Dep	artment			
✓ Local Law Enforcement				
✓ Local Emergency Manager				
Other				

To see if this incident is required to be reported to the National Response Center (NRC) Click Here

Additional E-Mail Recipients to send report to robert_baumgartner@transcanada	
TODOT_Dadingartnor@transoanade	
Official Use Only:	

Last Name

No

Pressing the submit button will send an E-Mail version of this completed Environmental Incident Report to NDDH Environmental Health Section and ND Dept. of Emergency Services personnel Submit

State Agency Person Who Received Call First Name

Department of Emergency Services Incident Number Send this email to Department of Mineral Resources