

Section 1. Registration Information

Source Identification

| | |
|-------------------------|--------------------------|
| Facility Name: | Douglas Gas Plant |
| Parent Company #1 Name: | Tallgrass Midstream, LLC |
| Submission Type: | Resubmission |
| Receipt Date: | December 2023 |

Facility Identification

| | |
|--------------|----------------|
| Facility ID: | 1000 0014 9715 |
|--------------|----------------|

Dun and Bradstreet Numbers (DUNS)

| | |
|----------------|-----|
| Facility DUNS: | N/A |
|----------------|-----|

Facility Location Address

| | |
|-----------|----------------------|
| Street 1: | 252 Highway 59 North |
| Street 2: | N/A |
| City: | Douglas |
| State: | WY |
| ZIP: | 82633 |
| ZIP4: | N/A |
| County: | Converse |

Facility Latitude and Longitude

| | |
|----------------------|-------------|
| Latitude (decimal): | 42.790735 |
| Longitude (decimal): | -105.356641 |

Local Emergency Planning Committee and Regulations

| | |
|--------------|----------------------|
| LEPC: | Converse County LEPC |
| OSHA PSM: | Yes |
| EPCRA 302: | Yes |
| CAA Title V: | Yes |

Process Chemicals

| | |
|------------------|-------------------------|
| Program Level: | Program Level 3 process |
| Chemical Name: | Flammable Mixture |
| CAS Number: | 00-11-11 |
| Flammable/Toxic: | Flammable |

Flammable Mixture Chemical Components

| | |
|------------------|--------------------------------|
| Chemical Name: | Isopentane [Butane, 2-methyl-] |
| CAS Number: | 78-78-4 |
| Flammable/Toxic: | Flammable |

| | |
|------------------|-----------|
| Chemical Name: | Methane |
| CAS Number: | 74-82-8 |
| Flammable/Toxic: | Flammable |

| | |
|------------------|-----------|
| Chemical Name: | Ethane |
| CAS Number: | 74-84-0 |
| Flammable/Toxic: | Flammable |

| | |
|------------------|-----------|
| Chemical Name: | Propane |
| CAS Number: | 74-98-6 |
| Flammable/Toxic: | Flammable |

| | |
|------------------|-------------------------------|
| Chemical Name: | Isobutane [Propane, 2-methyl] |
| CAS Number: | 75-28-5 |
| Flammable/Toxic: | Flammable |

| | |
|------------------|-----------|
| Chemical Name: | Butane |
| CAS Number: | 106-97-8 |
| Flammable/Toxic: | Flammable |

| | |
|------------------|-----------|
| Chemical Name: | Pentane |
| CAS Number: | 109-66-0 |
| Flammable/Toxic: | Flammable |

Process NAICS

| | |
|--------------------|------------------------|
| NAICS Code: | 21113 |
| NAICS Description: | Natural Gas Extraction |

Section 6. Accident History

Accident History ID: Accident 1

| | |
|---------------------------------|------------------------|
| Date of Accident: | April 2020 |
| Time Accident Began (HH:MM): | 11:04 |
| NAICS Code of Process Involved: | 21113 |
| NAICS Description: | Natural Gas Extraction |
| Release Duration: | 000 Hours 02 Minutes |

Release Event

| | |
|--------------------------------|-----|
| Gas Release: | Yes |
| Liquid Spill/Evaporation: | N/A |
| Fire: | N/A |
| Explosion: | N/A |
| Uncontrolled/Runaway Reaction: | N/A |

Release Source

| | |
|-----------------------|-----|
| Storage Vessel: | N/A |
| Piping: | Yes |
| Process Vessel: | N/A |
| Transfer Hose: | N/A |
| Valve: | Yes |
| Pump: | N/A |
| Joint: | N/A |
| Other Release Source: | N/A |

Weather Conditions at the Time of Event

| | |
|------------------------------|---------|
| Wind Speed: | 3.0 |
| Units: | Miles/h |
| Direction: | N |
| Temperature: | 50 |
| Atmospheric Stability Class: | N/A |
| Precipitation Present: | Yes |
| Unknown Weather Conditions: | N/A |

On-Site Impacts

| | |
|----------------------------------|---|
| Employee or Contractor Deaths: | 0 |
| Public Responder Deaths: | 0 |
| Public Deaths: | 0 |
| Employee or Contractor Injuries: | 0 |
| Public Responder Injuries: | 0 |
| Public Injuries: | 0 |
| On-Site Property Damage (\$): | 0 |

Known Off-Site Impacts

| | |
|--------------------------------|---|
| Deaths: | 0 |
| Hospitalizations: | 0 |
| Public Deaths: | 0 |
| Other Medical Treatments: | 0 |
| Evacuated: | 0 |
| Sheltered-in-Place: | 0 |
| Off-Site Property Damage (\$): | 0 |

Environmental Damage

| | |
|------------------------------------|-----|
| Fish or Animal Kills: | N/A |
| Tree, Lawn, Shrub, or Crop Damage: | N/A |
| Water Contamination: | N/A |
| Soil Contamination: | N/A |
| Other Environmental Damage: | N/A |

Initiating Event

| | |
|-------------------|-------------|
| Initiating Event: | Human Error |
|-------------------|-------------|

Contributing Factors

| | |
|----------------------------------|-----|
| Equipment Failure: | N/A |
| Human Error: | Yes |
| Improper Procedures: | N/A |
| Overpressurization: | N/A |
| Upset Condition: | N/A |
| By-Pass Condition: | N/A |
| Maintenance Activity/Inactivity: | Yes |
| Process Design Failure: | N/A |
| Unsuitable Equipment: | N/A |
| Unusual Weather Condition: | N/A |
| Management Error: | N/A |
| Other Contributing Factor: | N/A |

Off-Site Responders Notified

| | |
|-------------------------------|------------------|
| Off-Site Responders Notified: | No, not notified |
|-------------------------------|------------------|

Changes Introduced as a Result of the Accident

| | |
|----------------------------------|--|
| Improved or Upgraded Equipment: | N/A |
| Revised Maintenance: | N/A |
| Revised Training: | Yes |
| Revised Operating Procedures: | N/A |
| New Process Controls: | N/A |
| New Mitigation Systems: | N/A |
| Revised Emergency Response Plan: | N/A |
| Changed Process: | N/A |
| Reduced Inventory: | N/A |
| None: | N/A |
| Other Changes Introduced: | Training for contractors to have additional spotters for the aerial lift when necessary. |

Chemicals in Accident History

| | |
|--------------------------|-------------------|
| Quantity Released (lbs): | 91 |
| Percent Weight: | N/A |
| Chemical Name: | Flammable Mixture |
| CAS Number: | 00-11-11 |
| Flammable/Toxic: | Flammable |

Flammable Mixture Chemical Components

| | |
|------------------|-----------|
| Chemical Name: | Methane |
| CAS Number: | 74-82-8 |
| Flammable/Toxic: | Flammable |
| Chemical Name: | Ethane |
| CAS Number: | 74-84-0 |
| Flammable/Toxic: | Flammable |
| Chemical Name: | Propane |
| CAS Number: | 74-98-6 |
| Flammable/Toxic: | Flammable |
| Chemical Name: | Butane |
| CAS Number: | 106-97-8 |
| Flammable/Toxic: | Flammable |

Accident History ID: Accident 2

| | |
|---------------------------------|-------------------------------|
| Date of Accident: | September 2013 |
| Time Accident Began (HH:MM): | 01:30 |
| NAICS Code of Process Involved: | 211112 |
| NAICS Description: | Natural Gas Liquid Extraction |
| Release Duration: | 000 Hours 10 Minutes |

Release Event

| | |
|--------------------------------|-----|
| Gas Release: | N/A |
| Liquid Spill/Evaporation: | N/A |
| Fire: | Yes |
| Explosion: | N/A |
| Uncontrolled/Runaway Reaction: | N/A |

Release Source

| | |
|-----------------------|---------------------|
| Storage Vessel: | N/A |
| Piping: | N/A |
| Process Vessel: | N/A |
| Transfer Hose: | N/A |
| Valve: | N/A |
| Pump: | N/A |
| Joint: | N/A |
| Other Release Source: | Ambitrol Surge tank |

Weather Conditions at the Time of Event

| | |
|------------------------------|-----|
| Wind Speed: | N/A |
| Units: | N/A |
| Direction: | N/A |
| Temperature: | N/A |
| Atmospheric Stability Class: | N/A |
| Precipitation Present: | N/A |
| Unknown Weather Conditions: | Yes |

On-Site Impacts

| | |
|----------------------------------|------|
| Employee or Contractor Deaths: | 0 |
| Public Responder Deaths: | 0 |
| Public Deaths: | 0 |
| Employee or Contractor Injuries: | 0 |
| Public Responder Injuries: | 0 |
| Public Injuries: | 0 |
| On-Site Property Damage (\$): | 1000 |

Known Off-Site Impacts

| | |
|--------------------------------|---|
| Deaths: | 0 |
| Hospitalizations: | 0 |
| Public Deaths: | 0 |
| Other Medical Treatments: | 0 |
| Evacuated: | 0 |
| Sheltered-in-Place: | 0 |
| Off-Site Property Damage (\$): | 0 |

Environmental Damage

| | |
|------------------------------------|------|
| Fish or Animal Kills: | N/A |
| Tree, Lawn, Shrub, or Crop Damage: | N/A |
| Water Contamination: | N/A |
| Soil Contamination: | N/A |
| Other Environmental Damage: | None |

Initiating Event

| | |
|-------------------|-------------|
| Initiating Event: | Human Error |
|-------------------|-------------|

Contributing Factors

| | |
|----------------------------------|-----|
| Equipment Failure: | N/A |
| Human Error: | N/A |
| Improper Procedures: | N/A |
| Overpressurization: | N/A |
| Upset Condition: | N/A |
| By-Pass Condition: | N/A |
| Maintenance Activity/Inactivity: | N/A |
| Process Design Failure: | Yes |
| Unsuitable Equipment: | N/A |
| Unusual Weather Condition: | N/A |
| Management Error: | N/A |
| Other Contributing Factor: | N/A |

Off-Site Responders Notified

| | |
|-------------------------------|------------------|
| Off-Site Responders Notified: | No, not notified |
|-------------------------------|------------------|

Changes Introduced as a Result of the Accident

| | |
|----------------------------------|---|
| Improved or Upgraded Equipment: | Yes |
| Revised Maintenance: | N/A |
| Revised Training: | N/A |
| Revised Operating Procedures: | N/A |
| New Process Controls: | N/A |
| New Mitigation Systems: | N/A |
| Revised Emergency Response Plan: | N/A |
| Changed Process: | N/A |
| Reduced Inventory: | N/A |
| None: | N/A |
| Other Changes Introduced: | Plumbed Ambitrol Surge tank relief to drain system. |

Chemicals in Accident History

| | |
|--------------------------|-------------------|
| Quantity Released (lbs): | 25 |
| Percent Weight: | N/A |
| Chemical Name: | Flammable Mixture |
| CAS Number: | 00-11-11 |
| Flammable/Toxic: | Flammable |

Flammable Mixture Chemical Components

| | |
|------------------|-------------------|
| Chemical Name: | Ethylene [Ethene] |
| CAS Number: | 74-85-1 |
| Flammable/Toxic: | Flammable |

Accident History ID: Accident 3

| | |
|---------------------------------|-------------------------------|
| Date of Accident: | August 2013 |
| Time Accident Began (HH:MM): | 16:00 |
| NAICS Code of Process Involved: | 211112 |
| NAICS Description: | Natural Gas Liquid Extraction |
| Release Duration: | 000 Hours 15 Minutes |

Release Event

| | |
|--------------------------------|-----|
| Gas Release: | N/A |
| Liquid Spill/Evaporation: | N/A |
| Fire: | Yes |
| Explosion: | N/A |
| Uncontrolled/Runaway Reaction: | N/A |

Release Source

| | |
|-----------------------|-------------------|
| Storage Vessel: | N/A |
| Piping: | N/A |
| Process Vessel: | N/A |
| Transfer Hose: | N/A |
| Valve: | N/A |
| Pump: | N/A |
| Joint: | N/A |
| Other Release Source: | Piping insulation |

Weather Conditions at the Time of Event

| | |
|------------------------------|---------|
| Wind Speed: | 5.0 |
| Units: | Miles/h |
| Direction: | W |
| Temperature: | 91 |
| Atmospheric Stability Class: | B |
| Precipitation Present: | N/A |
| Unknown Weather Conditions: | N/A |

On-Site Impacts

| | |
|----------------------------------|------|
| Employee or Contractor Deaths: | 0 |
| Public Responder Deaths: | 0 |
| Public Deaths: | 0 |
| Employee or Contractor Injuries: | 0 |
| Public Responder Injuries: | 0 |
| Public Injuries: | 0 |
| On-Site Property Damage (\$): | 2500 |

Known Off-Site Impacts

| | |
|--------------------------------|---|
| Deaths: | 0 |
| Hospitalizations: | 0 |
| Public Deaths: | 0 |
| Other Medical Treatments: | 0 |
| Evacuated: | 0 |
| Sheltered-in-Place: | 0 |
| Off-Site Property Damage (\$): | 0 |

Environmental Damage

| | |
|------------------------------------|------|
| Fish or Animal Kills: | N/A |
| Tree, Lawn, Shrub, or Crop Damage: | N/A |
| Water Contamination: | N/A |
| Soil Contamination: | N/A |
| Other Environmental Damage: | None |

Initiating Event

| | |
|-------------------|---------|
| Initiating Event: | Unknown |
|-------------------|---------|

Contributing Factors

| | |
|----------------------------------|---|
| Equipment Failure: | N/A |
| Human Error: | N/A |
| Improper Procedures: | N/A |
| Overpressurization: | N/A |
| Upset Condition: | N/A |
| By-Pass Condition: | N/A |
| Maintenance Activity/Inactivity: | N/A |
| Process Design Failure: | N/A |
| Unsuitable Equipment: | N/A |
| Unusual Weather Condition: | N/A |
| Management Error: | N/A |
| Other Contributing Factor: | Hydrocarbon soaked insulation got hot enough to ignite. |

Off-Site Responders Notified

| | |
|-------------------------------|------------------|
| Off-Site Responders Notified: | No, not notified |
|-------------------------------|------------------|

Changes Introduced as a Result of the Accident

| | |
|----------------------------------|--|
| Improved or Upgraded Equipment: | N/A |
| Revised Maintenance: | N/A |
| Revised Training: | N/A |
| Revised Operating Procedures: | N/A |
| New Process Controls: | N/A |
| New Mitigation Systems: | N/A |
| Revised Emergency Response Plan: | N/A |
| Changed Process: | N/A |
| Reduced Inventory: | N/A |
| None: | N/A |
| Other Changes Introduced: | Removed all hydrocarbon soaked insulation in the area and replaced with new. |

Chemicals in Accident History

| | |
|--------------------------|-------------------|
| Quantity Released (lbs): | 5 |
| Percent Weight: | N/A |
| Chemical Name: | Flammable Mixture |
| CAS Number: | 00-11-11 |
| Flammable/Toxic: | Flammable |

Flammable Mixture Chemical Components

| | |
|------------------|--------------------------------|
| Chemical Name: | Isopentane [Butane, 2-methyl-] |
| CAS Number: | 78-78-4 |
| Flammable/Toxic: | Flammable |
| Chemical Name: | Methane |
| CAS Number: | 74-82-8 |
| Flammable/Toxic: | Flammable |
| Chemical Name: | Ethane |
| CAS Number: | 74-84-0 |
| Flammable/Toxic: | Flammable |
| Chemical Name: | Propane |
| CAS Number: | 74-98-6 |
| Flammable/Toxic: | Flammable |
| Chemical Name: | Isobutane [Propane, 2-methyl] |
| CAS Number: | 75-28-5 |
| Flammable/Toxic: | Flammable |
| Chemical Name: | Butane |
| CAS Number: | 106-97-8 |
| Flammable/Toxic: | Flammable |
| Chemical Name: | Pentane |
| CAS Number: | 109-66-0 |
| Flammable/Toxic: | Flammable |

Accident History ID: Accident 4

| | |
|---------------------------------|-------------------------------|
| Date of Accident: | July 2010 |
| Time Accident Began (HH:MM): | 22:30 |
| NAICS Code of Process Involved: | 211112 |
| NAICS Description: | Natural Gas Liquid Extraction |
| Release Duration: | 000 Hours 25 Minutes |

Release Event

| | |
|--------------------------------|-----|
| Gas Release: | N/A |
| Liquid Spill/Evaporation: | Yes |
| Fire: | N/A |
| Explosion: | N/A |
| Uncontrolled/Runaway Reaction: | N/A |

Release Source

| | |
|-----------------------|-----------------------|
| Storage Vessel: | N/A |
| Piping: | N/A |
| Process Vessel: | N/A |
| Transfer Hose: | N/A |
| Valve: | N/A |
| Pump: | N/A |
| Joint: | N/A |
| Other Release Source: | Inlet Receiver vessel |

Weather Conditions at the Time of Event

| | |
|------------------------------|---------|
| Wind Speed: | 10.0 |
| Units: | Miles/h |
| Direction: | ESE |
| Temperature: | 57 |
| Atmospheric Stability Class: | E |
| Precipitation Present: | N/A |
| Unknown Weather Conditions: | N/A |

On-Site Impacts

| | |
|----------------------------------|------|
| Employee or Contractor Deaths: | 0 |
| Public Responder Deaths: | 0 |
| Public Deaths: | 0 |
| Employee or Contractor Injuries: | 0 |
| Public Responder Injuries: | 0 |
| Public Injuries: | 0 |
| On-Site Property Damage (\$): | 5000 |

Known Off-Site Impacts

| | |
|--------------------------------|-------|
| Deaths: | 0 |
| Hospitalizations: | 0 |
| Public Deaths: | 0 |
| Other Medical Treatments: | 0 |
| Evacuated: | 0 |
| Sheltered-in-Place: | 0 |
| Off-Site Property Damage (\$): | 45000 |

Environmental Damage

| | |
|------------------------------------|-----|
| Fish or Animal Kills: | N/A |
| Tree, Lawn, Shrub, or Crop Damage: | N/A |
| Water Contamination: | N/A |
| Soil Contamination: | Yes |
| Other Environmental Damage: | N/A |

Initiating Event

| | |
|-------------------|-------------|
| Initiating Event: | Human Error |
|-------------------|-------------|

Contributing Factors

| | |
|----------------------------------|-----|
| Equipment Failure: | N/A |
| Human Error: | Yes |
| Improper Procedures: | N/A |
| Overpressurization: | N/A |
| Upset Condition: | N/A |
| By-Pass Condition: | N/A |
| Maintenance Activity/Inactivity: | Yes |
| Process Design Failure: | N/A |
| Unsuitable Equipment: | N/A |
| Unusual Weather Condition: | N/A |
| Management Error: | N/A |
| Other Contributing Factor: | N/A |

Off-Site Responders Notified

| | |
|-------------------------------|------------------|
| Off-Site Responders Notified: | No, not notified |
|-------------------------------|------------------|

Changes Introduced as a Result of the Accident

| | |
|----------------------------------|---|
| Improved or Upgraded Equipment: | N/A |
| Revised Maintenance: | Yes |
| Revised Training: | Yes |
| Revised Operating Procedures: | N/A |
| New Process Controls: | N/A |
| New Mitigation Systems: | N/A |
| Revised Emergency Response Plan: | N/A |
| Changed Process: | N/A |
| Reduced Inventory: | N/A |
| None: | N/A |
| Other Changes Introduced: | Revised site drainage in area to prevent offsite discharge. |

Chemicals in Accident History

| | |
|--------------------------|-------------------|
| Quantity Released (lbs): | 24000 |
| Percent Weight: | N/A |
| Chemical Name: | Flammable Mixture |
| CAS Number: | 00-11-11 |
| Flammable/Toxic: | Flammable |

Flammable Mixture Chemical Components

| | |
|------------------|--------------------------------|
| Chemical Name: | Isopentane [Butane, 2-methyl-] |
| CAS Number: | 78-78-4 |
| Flammable/Toxic: | Flammable |
| Chemical Name: | Methane |
| CAS Number: | 74-82-8 |
| Flammable/Toxic: | Flammable |
| Chemical Name: | Ethane |
| CAS Number: | 74-84-0 |
| Flammable/Toxic: | Flammable |
| Chemical Name: | Propane |
| CAS Number: | 74-98-6 |
| Flammable/Toxic: | Flammable |
| Chemical Name: | Isobutane [Propane, 2-methyl] |
| CAS Number: | 75-28-5 |
| Flammable/Toxic: | Flammable |
| Chemical Name: | Butane |
| CAS Number: | 106-97-8 |
| Flammable/Toxic: | Flammable |

| | |
|------------------|-----------|
| Chemical Name: | Pentane |
| CAS Number: | 109-66-0 |
| Flammable/Toxic: | Flammable |

Section 9. Emergency Response

Written Emergency Response (ER) Plan

| | |
|---|-----|
| Community Plan (Is facility included in written community emergency response plan?): | N/A |
| Facility Plan (Does facility have its own written emergency response plan?): | Yes |
| Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?): | Yes |
| Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?): | Yes |
| Healthcare (Does facility's ER plan include information on emergency health care?): | Yes |

Local Agency

| | |
|--|----------------|
| Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated): | Converse LEPC |
| Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated): | (307) 358-2155 |