

Section 1. Registration Information

Source Identification

Facility Name:	CO2 Extraction Plant
Parent Company #1 Name:	Kinder Morgan Production Company, LLC
Submission Type:	Resubmission
Receipt Date:	May 2022

Facility Identification

Facility ID:	1000 0020 1701
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Dun and Bradstreet Numbers (DUNS)

Facility DUNS:	784360182
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Facility Location Address

Street 1:	3775 County Road 226
Street 2:	N/A
City:	Snyder
State:	TX
ZIP:	79549
ZIP4:	7940
County:	Scurry

Facility Latitude and Longitude

Latitude (decimal):	32.747820
Longitude (decimal):	-100.959199

Local Emergency Planning Committee and Regulations

LEPC:	Scurry County LEPC
OSHA PSM:	Yes
EPCRA 302:	Yes
CAA Title V:	Yes

Process Chemicals

Program Level:	Program Level 1 process
Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Ammonia (anhydrous)
CAS Number:	7664-41-7
Flammable/Toxic:	Toxic

Program Level:	Program Level 1 process
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

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

Process NAICS

NAICS Code:	21111
NAICS Description:	Oil and Gas Extraction

Section 6. Accident History

Accident History ID: Accident 1

Date of Accident:	November 2022
Time Accident Began (HH:MM):	02:25
NAICS Code of Process Involved:	21111
NAICS Description:	Oil and Gas Extraction
Release Duration:	003 Hours 00 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:	N/A
Pump:	N/A
Joint:	Yes
Other Release Source:	N/A

Weather Conditions at the Time of Event

Wind Speed:	4.0
Units:	Miles/h
Direction:	N
Temperature:	30
Atmospheric Stability Class:	D
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 (\$):	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:	Equipment Failure
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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:	From a 1" nipple that failed due to metal fatigue

Off-Site Responders Notified

Off-Site Responders Notified:	No, not notified
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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:	Yes
Revised Emergency Response Plan:	N/A
Changed Process:	N/A
Reduced Inventory:	N/A
None:	N/A
Other Changes Introduced:	Evaluating removal of threaded nipples, and need to upgrade onsite monitoring and warning systems

Chemicals in Accident History

Quantity Released (lbs):	4996
Percent Weight:	100
Chemical Name:	Ammonia (anhydrous)
CAS Number:	7664-41-7
Flammable/Toxic:	Toxic

Accident History ID: Accident 2

Date of Accident:	June 2020
Time Accident Began (HH:MM):	20:10
NAICS Code of Process Involved:	21111
NAICS Description:	Oil and Gas Extraction
Release Duration:	002 Hours 22 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:	Yes
Process Vessel:	N/A
Transfer Hose:	N/A
Valve:	N/A
Pump:	N/A
Joint:	N/A
Other Release Source:	N/A

Weather Conditions at the Time of Event

Wind Speed:	15.0
Units:	Miles/h
Direction:	SE
Temperature:	83
Atmospheric Stability Class:	D
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 (\$):	0

Known Off-Site Impacts

Deaths:	0
Hospitalizations:	0
Public Deaths:	0
Other Medical Treatments:	0
Evacuated:	12
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
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Contributing Factors

Equipment Failure:	N/A
Human Error:	Yes
Improper Procedures:	Yes
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:	Notified and Responded
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Changes Introduced as a Result of the Accident

Improved or Upgraded Equipment:	N/A
Revised Maintenance:	Yes
Revised Training:	N/A
Revised Operating Procedures:	Yes
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:	N/A

Chemicals in Accident History

Quantity Released (lbs):	29
Percent Weight:	0.1
Chemical Name:	Hydrogen sulfide
CAS Number:	7783-06-4
Flammable/Toxic:	Toxic
Quantity Released (lbs):	1590
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

Accident History ID: Accident 3

Date of Accident:	November 2018
Time Accident Began (HH:MM):	12:20
NAICS Code of Process Involved:	21111
NAICS Description:	Oil and Gas Extraction
Release Duration:	000 Hours 03 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:	Heater, specifically burners

Weather Conditions at the Time of Event

Wind Speed:	8.0
Units:	Miles/h
Direction:	NE
Temperature:	65
Atmospheric Stability Class:	D
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:	1
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:	1
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:	no offsite impact; occurred onsite only

Initiating Event

Initiating Event:	Equipment Failure
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Contributing Factors

Equipment Failure:	Yes
Human Error:	Yes
Improper Procedures:	Yes
Overpressurization:	N/A
Upset Condition:	N/A
By-Pass Condition:	Yes
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:	911 called due to injury
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Changes Introduced as a Result of the Accident

Improved or Upgraded Equipment:	N/A
Revised Maintenance:	N/A
Revised Training:	Yes
Revised Operating Procedures:	Yes
New Process Controls:	Yes
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:	N/A

Chemicals in Accident History

Quantity Released (lbs):	53
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

Section 9. Emergency Response

Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?):	Yes
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):

Scurry County LEPC and fire dept

Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated):

(325) 573-8576