Texas Pollutant Discharge Elimination Systems (TPDES)

**Construction Stormwater General Permit (TXR150000)**

**Stormwater Pollution Prevention Plan (SWP3)**

Company: Atmos Energy

Role: Control of plans and specifications

Project Name: 3810 Williams Dr Relocation

and/or Other Operators: Denbow Company, Inc.

Plan Date: 2022-03-08

# Table of Contents

Section Page

[Texas Pollutant Discharge Elimination Systems (TPDES) 1](#_Toc95139920)

[Table of Contents 2](#_Toc95139921)

[Delegation of Signatories 3](#_Toc95139922)

[Certification Page 4](#_Toc95139923)

[If plan is shared by more than one entity: 4](#_Toc95139924)

[Site Description 5](#_Toc95139925)

[Section 1 Nature of Construction and List of Pollutants 5](#_Toc95139926)

[Section 2 Construction Schedule 6](#_Toc95139927)

[Section 3 Acreage and Material Storage 7](#_Toc95139928)

[Section 4 Soil Report and other Research Documentation 8](#_Toc95139929)

[Section 5 Location Map 9](#_Toc95139930)

[Section 6 Detailed Map(s) 10](#_Toc95139931)

[Section 7 Support Facilities and Receiving Waters 11](#_Toc95139932)

[Section 8 Copy of CGP 13](#_Toc95139933)

[Section 9 NOI, Certificate, and/or Site Notice 14](#_Toc95139934)

[Section 10 SSCR, SCICR and DSCR list and qualifications 15](#_Toc95139935)

[Section 11 Endangered Species Documentation 16](#_Toc95139936)

[Section 12 Historic Preservation Documentation 17](#_Toc95139937)

[Best Management Practices 18](#_Toc95139938)

[Section 13 Erosion and Sediment Controls 18](#_Toc95139939)

[Section 14 Off-site Transfer of Pollutant Controls 19](#_Toc95139940)

[Section 15 Erosion Control and Stabilization Practices 20](#_Toc95139941)

[Section 16 Dates of Major Grading Activies and Construction Stoppage 21](#_Toc95139942)

[Section 17 Sediment and Control Practices 22](#_Toc95139943)

[Section 18 Permanent Stormwater Controls 23](#_Toc95139944)

[Section 19 Other Stormwater Controls 23](#_Toc95139945)

[Section 20 Inspection Schedule 26](#_Toc95139946)

[Section 21 List of BMPs for Eligible Non-Stormwater Discharges 27](#_Toc95139947)

[Section 22 Stormwater runoff from Concrete Batch Plants 27](#_Toc95139948)

[Section 23 Concrete Truck Washout Requirement 28](#_Toc95139949)

# 

# Delegation of Signatories

Executive Director

Texas Commission on Environmental Quality Stormwater Team (MC-148)

P.O. Box 13087

Austin, TX 78711-3087

Subject: Delegation of Signatories to Reports

Facility/Company/Site Name: Atmos Energy / 3810 Williams Dr Relocation

TPDES Authorization Number:

Dear Executive Director:

This letter serves to designate the following people or positions as authorized personnel for signing reports, stormwater pollution prevention plans, certifications or other information requested by the Executive Director or required by the general permit, as set forth by 30 TAC §305.128.

|  |  |
| --- | --- |
| **Name or Position** | Stormcon, LLC Class I Inspector |
| **Name or Position** |  |
| **Name or Position** |  |
| **Name or Position** |  |

I understand that this authorization does not extend to the signing of a Notice of Intent for obtaining coverage under a stormwater general permit.

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in 30 TAC §305.44 (see page 2).

Sincerely,

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Director, Operations Support

Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Title Date

Buddy Powell

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Printed Name

Atmos Energy

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Company

# Certification Page

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sign as required by 30 TAC 305.128

Primary Operator

Name: Buddy Powell  
Title: Director, Operations Support

Company: Atmos Energy

Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:

## If plan is shared by more than one entity:

Name:   
Title:

Company: Denbow Company, Inc.

Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:

# Site Description

## Section 1

### Nature of Construction and List of Pollutants

### Description of the general nature of construction activities:

The project consist of disturbing approximately [ENTER ACRES] acres of land to develop a subdivision of single family residences lots. During the land disturbing phase of the development process a variety of BMPs will be utilized ranging from structural controls to non-structural BMPs. During the construction process soil will be excavated, utilities both wet and dry will be installed, paving of streets and final grading of lots will be performed by contractors.

### List of ALL potential pollutants and their sources:

| ***Potential Pollutants*** | ***Source*** |
| --- | --- |
| Poly pipes | Materials for installation of gas infrastructure |
| Poly fittings | Materials for installation of gas infrastructure |
| Tracer wire | Materials for installation of gas infrastructure |
| Plastic marker tape | Materials for installation of gas infrastructure |
| Cushion sand | Materials for installation of gas infrastructure |
| Bagged concrete | Materials for installation of gas infrastructure |
| Fuel | Trenching equipment |
| Lunch trash | Construction personnel |
| Sediment | Trenching operation and vehicle tracking |
| Precut and pre-painted metal riser pipes | Materials for installation of gas infrastructure |

## Section 2

### Construction Schedule

#### *Part III Sect. F.1. (c)*

Description of the intended schedule, or a sequence of the major activities that will be disturbing soil for the major portions of the site. Add or subtract rows as needed.

| ***Name of Operator*** | ***Phase of Project Projected dates Month/year*** | ***Activity Disturbing Soil clearing, excavation, etc.*** | ***Location on-site where activity will be conducted*** | ***Acreage being disturbed*** |
| --- | --- | --- | --- | --- |
| Atmos Energy | Dry utilities | Installation of gas infrastructure | Within and around the utility easement | 0.030000 |
| Denbow Company, Inc. | Dry utilities | Installation of gas infrastructure | Within and around the utility easement | 0.030000 |

## Section 3

### Acreage and Material Storage

#### *Part III, Sect. F.1. (d)*

The total acreage of the entire property and the total acreage where construction activity will occur. Include off-site material storage areas, overburden and stockpiles of dirt or aggregates, and borrow areas. Also, include the acreage for construction support activities, such as equipment staging or storage areas, and chemical storage areas.

| ***Material Storage*** | ***Material (s)/Equipment*** | ***Acreage*** | ***Location*** |
| --- | --- | --- | --- |
| On-site | See Section 1 for potential pollutants associated with pipeline installation | .5 | See inspection map |
| On-site Soil Disturbance | See Section 1 for potential pollutants associated with pipeline installation | long pipe X 20 ft wide wokspace = disturbed sq. ft / 43,650 = |  |
| Total acreage of disturbed soil: |  | **0.030000 acres** |  |

## Section 4

**Soil Report and other Research Documentation**

## 

## Section 5

### Location Map

## Section 6

### Detailed Site Map(s)

## Section 7

### Site Description – Support Facilities

### Support facilities such as asphalt or concrete batch plants will not be utilized in connection with installation of the natural gas infrastructure.

#### Receiving Waters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table 1 – Names of Receiving Waters**   |  | | --- | | ***Name(s) of the first surface water that receives stormwater directly from your site and/or from the MS4 (note: multiple rows provided where your site has more than one point of discharge that flows to different surface waters)*** | | | **1.** Tributary of Pecan Branch | | **2.** | | **3.** |   **Location of Receiving Waters:** |
| **Table 2 – Impaired Waters / TMDLs** (Answer the following for each surface water listed in Table 1 above)   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  | ***Is this surface water listed as “impaired”?*** | ***If you answered yes, then answer the following:*** | | | | | ***What pollutant(s) are causing the impairment?*** | ***Has a TMDL been completed?*** | ***Title of the TMDL document*** | ***Pollutant(s) for which there is a TMDL*** | | **1.** | YES  NO |  | YES  NO |  |  | | **2.** | YES  NO |  | YES  NO |  |  | | **3.** | YES  NO |  | YES  NO |  |  |   Describe the method(s) you used to determine whether or not your project/site discharges to an impaired water: Reviewed the 2020 Texas Integrated Report Index of Water Quality Impairments published on the TCEQ website.  **Edwards Aquifer Information**  3810 Williams Dr Relocation is located Inside the Edwards Aquifer recharge, transition, and contributing zones. |

## Section 8

Copy of Construction General Permit (CGP) TXR150000

or description of location of CGP

## Section 9

NOI, certificate, and/or site notice

## Section 10

**SSCR, SCICR and DSCR list and qualifications**

## Section 11

**Endangered Species Documentation**

## Section 12

**Historic Preservation Documentation**

# Best Management Practices

## Section 13

### Best Management Practices (BMPs) Erosion and Sediment Controls

| ***BMPs Installed*** | ***Schedule of BMP installation*** | ***Location(s) On-Site*** | ***Inspection/Maintenance Schedule*** | ***Modifications/Replacement Activities*** |
| --- | --- | --- | --- | --- |
| See Erosion Control Map | See Erosion Control Map | See Erosion Control Map | See Erosion Control Map | See Erosion Control Map |

| ***Are there sedimentation basins or traps?\**** *If yes, list the measures taken to reduce the pollutants transported off-site by pumping activities.* | No sediment basins. |  |
| --- | --- | --- |
| ***Prevention Measure*** | ***Location On-Site*** | ***Implementation Date*** |
| Rock Berm | See Erosion control map | Start of construction |

\* Part III Section F.6. (c) Sediment must be removed from sediment traps and basins no later than the time that the design capacity has been reduced by 50 percent.

## 

## 

## Section 14

### Sediment Control Practices

Will the project disturb 10 acres or more at one time? No

If yes, is it feasible to install a sediment basin? N/A

**If a sediment basin is not feasible, list of alternative structural control practices that will be used:**

| ***Article II. Structural Control*** | ***Location On-Site*** |
| --- | --- |
| Inlet Protection | **See Erosion Control Map** |
| Silt fences | **See Erosion Control Map** |
| Rock Berms | **See Erosion Control Map** |

## 

## Section 15

### BMPs, Off-Site Transfer of Pollutant Controls

List of good housekeeping practices implemented to limit the off-site transport of litter, construction debris, and construction materials.

| ***BMP*** | ***Description*** | ***Who's Responsible for it*** | ***Locations On-site*** |
| --- | --- | --- | --- |
| Plastic trash bags will be used to contain lunch trash | Litter Controls | Denbow Company, Inc. | Bags will be stored at the staging area or removed from the site. |
| Poly pipe shaving will be collected daily and place in plastic bags. | Debris Controls | Denbow Company, Inc. | Bags will be stored at the staging area or removed from the site. |
|  | Construction Material Controls |  |  |
|  |  |  |  |

## Section 16

### BMPs, Stabilization and Erosion Control Practices

Stabilization and erosion control practices may include but are not limited to: establishing temporary or permanent vegetation, mulching, geotextiles, sod stabilization, vegetative buffer strips, and protecting existing trees and vegetation. List practices used where they are located, when they will be implemented, and whether they are temporary (interim) or permanent.

| ***Stabilization Practices*** | ***Location On-Site*** | ***Implementation Date*** | ***Interim or Permanent*** |
| --- | --- | --- | --- |
| Perennial Vegetation | All disturbed areas | See Inspection Report | Permanent |
|  |  |  |  |
|  |  |  |  |

## 

## Section 17

### Dates of Major Grading Activities and Construction Stoppage

If you do not list activities below, either attach documentation or state where records for the activities can be accessed:

Documentation attached? Yes  No

Where can documentation be found (if not included in SWP3)? See table below

**Dates when major grading activities will occur and locations on-site:**

| ***Activity*** | ***Location*** | ***Dates when Activity is Scheduled*** |
| --- | --- | --- |
| **Installation of natural gas infrastructure** | **Within the utility easement** | **See the weekly gas infrastructure**  **Inspections.** |

**Dates when construction activity will temporarily or permanently cease:**

| ***Location on-site*** | ***Date activity is to be stopped*** | ***Temporary or Permanent?*** | ***Stabilization Initiation Date*** |
| --- | --- | --- | --- |
| **Installation of natural gas infrastructure** | **See the weekly gas infrastructure inspections.** | **Permanent for gas infrastructure** | **See Inspection Report** |
|  |  |  |  |
|  |  |  |  |

## Section 18

### Permanent Stormwater Controls

There are no permanent stormwater controls associated with this project.

## Section 19

### Other Stormwater Controls

#### *Part III Section F.4. (a)*

Controls to minimize dust generation and off-site tracking of sediment:

| ***Control Practice Used*** | ***Location(s) On-Site*** |
| --- | --- |
| None | N/A |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

The following construction and waste materials will be stored on-site:

Of the material listed in section 1 of this plan only the bag concrete posed a reasonable threat to the receiving waters.

| ***Pollutant*** | ***BMP*** | ***Responsibilities*** |
| --- | --- | --- |
| Bagged Concrete | Stored undercover or removed from site. | Denbow Company, Inc. |
|  |  |  |

### Other Stormwater Controls

Describe pollutant sources from areas other than construction (make additional copies of this worksheet as needed):

| ***Type of pollutant source*** | ***Pollutant(s)*** | ***Control(s) or measure(s) used to minimize pollutants*** |
| --- | --- | --- |
| N/A | N/A | N/A |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Describe the velocity dissipation devices that will be placed at discharge locations and/or along the length of any outfall channels:

| ***Dissipation Device (hay bales, silt fence, pond, etc.)*** | ***Outfall Discharging to (MS4, bar ditch, creek/stream)*** | ***At Outfall or Channel (distance interval for channel)*** |
| --- | --- | --- |
| None | n/a | n/a |

It is not anticipated that the velocity will change due to the construction activity of this project. The velocity dissipation device will not be required in this site due to the projects construction activity not altering the existing conditions of the site.

## Section 20

### Inspection Schedule

Inspection Schedule:

Inspection reports must be completed within 24 hours of each inspection. Each report must be retained within the SWPPP and signed by a person qualified and in the manner required by 30 TAC 305.128.   
Inspections will begin 7 days of the permitee starting earth disturbing activities.

It is the responsibility of the permitee to notify Stormcon when they will begin earth disturbing activities.

See next page for Inspection Form

## Section 21

### Eligible Non-Stormwater Discharges

|  |  |
| --- | --- |
| ***Type of Allowable Non-Stormwater Discharge*** | ***Likely to be Present at Your Site?*** |
| Discharges from emergency fire-fighting activities | YES  NO |
| Fire hydrant flushings | YES  NO |
| Landscape irrigation | YES  NO |
| Waters used to wash vehicles and equipment | YES  NO |
| Water used to control dust | YES  NO |
| Potable water including uncontaminated water line flushings | YES  NO |
| Routine external building wash down | YES  NO |
| Pavement wash waters | YES  NO |
| Uncontaminated air conditioning or compressor condensate | YES  NO |
| Uncontaminated, non-turbid discharges of ground water or spring water | YES  NO |
| Foundation or footing drains | YES  NO |

List any other non-stormwater discharge permitted by a separate NPDES, TPDES, or TCEQ

Permit.

| ***Non-stormwater Discharge*** | ***Pollution Prevention Measure*** | ***Implementation Date*** |
| --- | --- | --- |
| N/A | N/A | N/A |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Section 22

### Stormwater Runoff from Concrete Batch Plants

#### *Part IV*

See Instructions for Information regarding Concrete Batch Plants associated with Construction Projects.

\*Batch plant export\*

Concrete batch plants will not be utilized in connection with installation of the natural gas infrastructure.

## Section 23

### Concrete Truck Washout Requirements

#### *Part V*

Location of concrete washout area on site and description of BMPs established to prevent the concrete wash out water from contributing to groundwater contamination or entering the waters of the state.

Concrete washout is not associated with natural gas installation.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ***Project name*** | ***Project number*** | ***Type*** | ***Coordinates*** | ***Customer*** | ***City*** | ***County*** | ***Zip*** |
| 3810 Williams Dr Relocation | 150090 | Gas | 30.671517, -97.699215 | Atmos | Georgetown | Williamson | 78628 |