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: Cypress Creek Phs. 1

and/or Other Operators: Primoris T&D

Plan Date: 2022-03-03

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# 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 / Cypress Creek Phs. 1

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: Primoris T&D

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

# Site Description

## Section 1

### Nature of Construction and List of Pollutants

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

This is a natural gas infrastructure project located within a new residential development in Lowry Crossing ETJ, Texas. Atmos's control on this project is limited to the development of the construction plans and specification for the gas infrastructure. Construction of the infrastructure will require the burial of the poly gas pipeline which will cause approximately 5.09 acres of soil to be disturbed. A proposed 6" pipeline will connect to an existing pipeline approximately 70 ft N of Cypress Bend Dr. The proposed offsite pipeline will run approximately 679.5 ft N of Cypress Bend Dr and tie in on Cypress Bend Pwy and Mesquite Ln intersection. A 6" pipeline will run 1,839.7 ft W through Mesquite Ln, N of Tubelo Trl and tapped West of Long Leaf Ln. A proposed 2" pipeline will connect to tie-in on Cypress Bend Dr and Mesquite Ln, run and tapped 924 ft North of Cypress Bend Pwy . A proposed pipeline will connect to an existing pipeline on Mahogany Ln and Sassafras Dr, run and tapped 216 ft W. Proposed 2" pipeline will run 795 ft W of Cypress Bend Pkwy and Mahogany Ln and tapped N of Soap Tree Dr. 2" pipeline will run across Plum Rd. 2" proposed pipeline will be installed on Mesquite Ln and Tulepo Trl intersection run 1,951 ft S of Tulepo Tr, W of Holly St and N of Sweetgum Dr. 2" proposed pipeline will connect to 6" pipeline on Tulepo Trl and Mesquite Ln and run S 729.6 ft. 4" pipeline will be installed on Longleaf Ln and Sweetgum Dr intersection, run S 630.5 ft and tapped 109.5 ft W of Ivy Rd. 2" pipeline will be installed on Longleaf Ln and Desert Willow intersection, run 556.5 Ft N, tapped. 2" pipeline will be installed on Dessert Willow Dr and Loblolly Ln intersection, run 539.1 ft E of Loblolly Ln and tapped N of Magnolia Dr. The gas infrastructure will provide natural gas services to 170 residential lots within the development.

### 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

### 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 | 5.090000 |
| Primoris T&D | Dry utilities | Installation of gas infrastructure | Within and around the utility easement | 5.090000 |

## Section 3

### Acreage and Material Storage

### 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. Total acreage of the entire property: 53.000000

| ***Material Storage*** | ***Material (s)/Equipment*** | ***Acreage*** | ***Location*** |
| --- | --- | --- | --- |
| Off-site |  |  |  |
| 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 20ft wide workspace = disturbed sq. ft / 43,650 = |  |
| Total acreage of disturbed soil: |  | **5.090000 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 Lake Lavon | | **2.** | | **3.** |   **Location of Receiving Waters:** {surrounding\_project} |
| **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**  Cypress Creek Phs. 1 is located Outside 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

#### All gas infrastructure ground disturbing activities will be within Lennar Homes’s control. Atmos will be utilizing the developers Erosion and Sediment Controls. The developer is responsible for the design, installation, and maintenance of the erosion and sediment controls on the site. If the controls are damaged by the gas infrastructure construction activities, it will be the responsibility of Primoris T&D that damaged the controls to repair or replace the control as soon as practical.

| ***BMPs Installed*** | ***Schedule of BMP installation*** | ***Location(s) On-Site*** | ***Inspection/Maintenance Schedule*** | ***Modifications/Replacement Activities*** |
| --- | --- | --- | --- | --- |
| See Developer's SWPPP | See Developer's SWPPP | See Developer's SWPPP | See Developer's SWPPP | See Developer's SWPPP |

| ***Are there sedimentation basins or traps?\**** *If yes, list the measures taken to reduce the pollutants transported off-site by pumping activities.* | See Developers SWPPP |  |
| --- | --- | --- |
| ***Prevention Measure*** | ***Location On-Site*** | ***Implementation Date*** |
| The developer responsibility to determine if a basin is required and for the design, inspection, maintenance, and repair. | See Developer’s SWPPP | See Developer’s SWPPP |

\* 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

The gas infrastructure will be installed within the utility easements in the development. It will be infeasible for Atmos to construct detention basins within the narrow easements. The detention basin is the sole responsibility of Lennar Homes

Will the project disturb 10 acres or more at one time? See Developer's SWPPP

If yes, is it feasible to install a sediment basin? See Developer's SWPPP

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

| ***Article II. Structural Control*** | ***Location On-Site*** |
| --- | --- |
| A series of smaller sediment basins | See Developer's SWPPP |
| Silt fences | See Developer's SWPPP |
| Vegetative buffer strips | See Developer's SWPPP |
| Sediment traps | See Developer's SWPPP |
| Other (list): | See Developer's SWPPP |

The gas infrastructure will be installed within the utility easements in the development. It will be infeasible for Atmos to construct detention basins within the narrow easements. The detention basin is the sole responsibility of Lennar Homes.

## 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*** | ***Locations On-site*** |
| --- | --- | --- | --- |
| Plastic trash bags will be used to contain lunch trash | Litter Controls | Primoris T&D | 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 | Primoris T&D | 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*** |
| --- | --- | --- | --- |
| See Developer’s SWPPP | See Developer’s SWPPP | See Developer’s SWPPP | See Developer’s SWPPP |
|  |  |  |  |
|  |  |  |  |

## 

The gas infrastructure work is located within the utility easement within the development. Once the gas infrastructure has been installed, the disturbed area will be further disturbed by the land development activities. The developer assumes responsibility for the utility easements and stabilization for the erosion control practices.

## 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 Developer’s SWPPP** |
|  |  |  |  |
|  |  |  |  |

## Section 18

### Permanent Stormwater Controls

The Developer assumes sole responsibility for the design, installation, maintenance and repair for all Permanent Stormwater Controls. See Developer's SWPPP for details on the Permanent Stormwater Controls.

## 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*** |
| --- | --- |
| See Section 9 BMPs Offsite Transfer of Pollutants Table |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

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. | Primoris T&D |
|  |  |  |

### 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)*** |
| --- | --- | --- |
| See Developer’s SWPPP | See Developer’s SWPPP | See Developer’s SWPPP |

The gas infrastructure will be installed within the utility easements in the development. It will be infeasible for Atmos to construct detention basins within the narrow easements. The velocity dissipation devices is the sole responsibility of Lennar Homes.

## 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*** |
| Cypress Creek Phs. 1 | 14266 | Gas | , 33.173462 | Atmos | Lowry Crossing ETJ | Collin | 75407 |