Transcontinental Gas Pipe Line Company, LLC

Construction Spill Prevention and Response Procedures for Oil and Hazardous Materials

Southeast Supply Enhancement Project

October 2024

This page intentionally left blank.

TABLE OF CONTENTS

APPENDICES

This page intentionally left blank.

LIST OF ACRONYMS AND ABBREVIATIONS

AL	Alabama
CI	Chief Inspector
Dth/d	dekatherms per day
EC	Emergency Coordinator
EI	Environmental Inspector
EMD	electric motor-driven
ER	Environmental Report
FERC or Commission	Federal Energy Regulatory Commission
GA	Georgia
HP	horsepower
ISO	International Organization for Standardization
LEPC	Local Emergency Planning Committee
MLV	mainline valve
MP	milepost
NC	North Carolina
OSRP	Offshore Spill Response Plan
Plan	Unanticipated Discovery Plan for Paleontological Resources
PPE	Personal Protective Equipment
Project	Southeast Supply Enhancement Project
SC	South Carolina
SOC	The Security Operations Center
SPCC	Spill Prevention Control and Countermeasure
Transco	Transcontinental Gas Pipe Line Company, LLC
U.S.	United States
VA	Virginia
Williams	Williams Companies, Inc.

This page intentionally left blank.

1 GENERAL INFORMATION

Transcontinental Gas Pipe Line Company, LLC (Transco) has developed this Construction Spill Prevention and Response Procedures for Oil and Hazardous Materials (Construction Spill Plan) to identify preventative measures to reduce the likelihood of spills and provide mitigative measures to minimize impacts should a spill occur during construction of the Southeast Supply Enhancement Project (Project).

1.1 SPILL PLAN REQUIREMENTS

Contractor shall determine the approximate quantities of oil or oil-like substances (including fuels) and any hazardous materials or substances that will be present or stored at the work site(s) to assist Company's Environmental Inspector (EI) in identifying the appropriate spill plan that shall be applicable for the Work. The quantities carried by fuel trucks that are on site temporarily to refuel equipment shall not be included in Contractor's calculation of the amount of oil or oil-like substances stored at any facility/site.

1.1.1 Company Construction Spill Plan for Oil and Hazardous Materials

If during the course of Work, 1,320 gallons or less of oil or oil-like substances or hazardous materials will be present or stored at any facility/site, Contractor shall comply with and complete the remaining sections and requirements of this document (i.e., Construction Spill Plan). Contractor's field personnel shall be familiar with this plan before initiating any onsite activities and shall follow all requirements and responsibilities of this plan as they are listed for Contractor. Contractor shall provide, prior to start of the Work but no later than the pre-job meeting, all the initial information required by the applicable/designated plan. The contractor shall provide Transco with additional information to keep the plan current.

1.1.2 U.S. Environmental Protection Agency Tier I Qualified Facility Spill Prevention, Control, and Countermeasure (SPCC) Plan

If during the course of Work, greater than 1,320 gallons of oil or oil-like substances but less than 10,000 gallons with no containers greater than 5,000 gallons in capacity will be present or stored at any facility/site, Contractor shall comply with and complete the remaining sections and requirements of this document PLUS comply with and complete the requirements of the "United States (U.S.) Environmental Protection Agency Tier I Qualified Facility SPCC Plan," attached to this section, or develop a full SPCC Plan. Contractor's field personnel shall be familiar with this plan before initiating any onsite activities and shall follow all requirements and responsibilities of this plan as they are listed for Contractor. Contractor shall provide, prior to start

of the Work but no later than the pre-job meeting, all of the initial information required by the plan. Contractor shall provide Transco with additional information to keep the plan current.

1.1.3 U.S. Environmental Protection Agency Full SPCC Plan

If during the course of Work, 5,000 gallons or more of oil or oil-like substances contained in a single container, or a total of 10,000 gallons or more, will be present or stored at any facility/site, Contractor shall comply with and complete the remaining section of this document PLUS comply with and complete the requirements of a full U.S. Environmental Protection Agency SPCC Plan, which must be reviewed and approved by a professional engineer. Contractor's field personnel shall be familiar with this plan before initiating any onsite activities and shall follow all requirements and responsibilities of this plan as they are listed for Contractor. Contractor shall provide, prior to start of the Work but no later than the pre-job meeting, all of the initial information required by the plan. The contractor shall provide Transco with additional information to keep the plan current.

1.2 PROJECT LOCATION AND DESCRIPTION

Transcontinental Gas Pipe Line Company, LLC (Transco), an indirect, wholly owned subsidiary of The Williams Companies, Inc. (Williams), is seeking authorization from the Federal Energy Regulatory Commission (FERC or Commission) under Sections 7(b) and 7(c) of the Natural Gas Act for appropriate abandonment authority and a Certificate of Public Convenience and Necessity (Certificate) to construct, own, operate, and maintain the proposed Project facilities.

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide 1,596,900 dekatherms per day (Dth/d) of incremental firm transportation capacity to remove pipeline capacity constraints in Zones 4 and 5 and meet growing natural gas-fired power generation, commercial, residential, and industrial demand in the southeast United States. Transco is proposing to collocate the proposed Project within or adjacent to the existing Transco Mainline System to the extent practicable. This collocation design will help reduce the overall operational footprint of the Project, minimizing new disturbances to the extent practicable. The Project will consist of the following components:

Pipeline Facilities

- Approximately 30.8 miles of 42-inch-diameter pipeline in Pittsylvania County, Virginia (VA) and Rockingham County, North Carolina (NC), designated as the Eden Loop;

  - Regulator installation in Rockingham County, NC near milepost (MP) 1382.53, designated as the Eden Regulator Station;
  - Approximately 294 feet of 30-inch-diameter pipeline and ancillary valves in Rockingham County, NC, designated as the Dan River Inlet Piping; and,
- Approximately 24.1 miles of 42-inch-diameter pipeline in Guilford, Forsyth, and Davidson Counties, NC, designated as the Salem Loop.

Compression Facilities

- The addition of two [33,000 horsepower (HP) each] electric motor-driven (EMD) compressor units at Transco's existing Compressor Station 165 located in Pittsylvania County, VA. Compressor Station 165 will be limited to a total incremental output of 45,000 HP, thereby increasing the total certificated station output to 96,930 HP;
- The addition of one [23,465 International Standardization Organization (ISO) HP] Solar Titan 130 Turbine and two (31,871 ISO HP each) Solar Titan 250 Turbine driven compressor units at Transco's existing Compressor Station 155 located in Davidson County, NC. Compressor Station 155 will have a total incremental output of 87,207 HP, thereby increasing the total certificated station output to 110,709 HP;
- The addition of one (15,900 ISO HP) Solar Mars 100 Turbine driven compressor unit at Transco's existing Compressor Station 150 in Iredell County, NC. Compressor Station 150 will have a total incremental output of 15,900 HP, thereby increasing the total certificated station output to 77,830 HP; and
- The addition of three (33,000 HP each) EMD compressor units at Transco's existing Compressor Station 145 in Cleveland County, NC, to provide the incremental HP required by the Project and accommodate the abandonment (in-place) of three (12,500 HP each) existing EMD Compressor Units. Compressor Station 145 will have a total incremental output of 61,500 HP, thereby increasing the total certificated station output to 99,000 HP.

Facility Modifications

- Modifications to valve controls at existing mainline valve (MLV) setting MLV-145B21 in Lincoln County, NC;

- Modifications to valve controls at existing MLV setting MLV-145B20 in Gaston County, NC;
- Piping modifications at Transco's existing Compressor Station 135 in Anderson County, South Carolina (SC) to make the station bi-directional;
- Piping modifications at Transco's existing Compressor Station 125 in Walton County, Georgia (GA) to make the station bi-directional;
- Regulator installation and piping modifications at Transco's existing Compressor Station 120 in Henry County, GA to make the station bi-directional; and
- Piping modifications at Transco's existing Compressor Station 105 in Coosa County, Alabama (AL) to make the station bi-directional.

The use of existing, improved, and new access roads, and contractor yards will also be required for the Project. Additional ancillary facilities and piping, such as MLVs, cathodic protection, communication facilities, and internal inspection devices (e.g., pig launchers and receivers) will be necessary to support the Project.

Subject to FERC's certification of the Project and receipt of other necessary permits and authorizations, Transco anticipates that construction of the Project would commence in the third quarter of 2026 to meet a proposed in-service date of November 1, 2027.

Definitions:

Oil is defined in the SPCC regulations as oil of any kind or in any form including, but not limited to, petroleum, fuel oil, sludge, oil refuse, and oil mixed with wastes other than dredged spoil and oily mixtures.

Hazardous Material as defined by the Department of Transportation includes hazardous substances, hazardous wastes, marine pollutants, elevated temperature materials, materials designated as hazardous in the Hazardous Materials Table (see 49 Code of Federal Regulations 172.101), and materials that meet the defining criteria for hazard classes and divisions in part 173 of subchapter C of this chapter. Hazardous Materials typically found on construction projects include, but are not limited to, petroleum oils, hydraulic fluids, engine coolants (ethylene glycol), x-ray film developer, chemical additives, pipe coatings, used abrasive blasting media, etc.

Contractor Responsibility:

The Contractor shall be familiar with this Construction Spill Plan and its contents prior to commencing any construction-related activities. All workers handling fuels, oils or other hazardous materials shall be properly trained. The Construction Spill Plan will be followed to prevent any spills that may occur during the project and to mitigate any spills that do occur.

Company representatives assigned to this project include:

Manager, Operations (MO):	*To Be Determined (TBD)*
Chief Inspector (CI):	*TBD*
Company Lead Environmental Specialist:	*TBD*
Land, Geographic Information System (GIS), & Permits Lead:	*TBD*

2 DRAINAGE PATTERNS AND SPILL PREVENTION PRACTICES

2.1 DRAINAGE PATTERNS

Drainage patterns across the Project are dendritic or tree shaped. This pattern develops in a variety of structural and lithological environments such as in the mountainous and hilly areas. The evolution of dendritic pattern is guided by the lithological characteristics mainly the permeability of underlying rocks, the amount and regime of rainfall and resultant surface runoff and the time factor. Typically, surface runoff will sheet flow across level surfaces and will infiltrate into soil and to some degree underlying rocks until permeability and lithological characteristics prevent such infiltration at which point surface to groundwater will discharge downslope in the form of seeps or provide base flow to streams. Surface runoff will channelize as slopes increase or topography funnels flow paths at which time energy will increase and accelerated erosion will begin to form dendritic patterns.

Responsibility: Chief Inspector

Construction personnel and Technicians will be familiar with drainage patterns for the project and be prepared to implement measures to control any release.

2.2 SPILL PREVENTION PRACTICES

The Contractor shall take the following precautions to ensure that an oil or hazardous materials spill does not occur:

A. Containers/Pumps/Concrete Coating

- All containers of oil, fuel, or hazardous materials shall be stored on level ground at least 100 feet from any waterway, wetland, or designated municipal watershed area or as prescribed by a project specific permit or agency. All containers should be located within temporary containment.
- Temporary containment will include, but not be limited to, temporary hay bale berms with plastic sheets underlining the entire contained area and it is recommended that these areas be inspected daily or after any significant precipitation event.
- Containment areas shall be capable of containing 100% of the volume of the single largest container of hazardous material being stored plus sufficient freeboard to hold the 25 year/24 hour storm.

- All container storage areas shall be routinely inspected for integrity purposes. If hazardous wastes are being stored a weekly inspection must be documented.
- Leaking and/or deteriorated containers shall be replaced as soon as the condition is first detected with clean-up measures immediately taking place.
- No incompatible materials shall be stored in the same containment area.
- No container storage areas shall be left unsecured during non-work hours.
- Accumulated rainwater in the containment areas must be inspected prior to release to the ground; it must be free of sheens or other hazardous materials.
- Pumps operating within 100 feet of a waterbody or wetland boundary shall utilize the appropriate agricultural or industrial grade containers/materials as a secondary containment system to prevent spills.
- Concrete coating operations shall not be performed within 100 feet of a wetland or waterbody unless the location is an existing industrial site designated for such use. If no reasonable alternatives exist, consult with the EI and Company Environmental Lead for other options.

B. Tanks

- The Contractor shall operate only those tanks that meet the requirements and specifications of applicable regulations and that are surrounded with temporary containment as described above.
- Self-supporting tanks shall be constructed of materials compatible with its contents.
- All tanks shall be routinely inspected for integrity purposes.
- Vehicle mounted tanks shall be equipped with flame/spark arrestors on vents to ensure that self-ignition does not occur.
- Tanks will not be used to store incompatible materials in sequence unless first thoroughly decontaminated.
- Any tank utilized for storing different products between construction locations will be thoroughly decontaminated prior to refilling.

C. Unloading/Loading Areas

- If it is necessary during the project, re-fueling and transferring of liquids shall only occur in pre-designated locations that are on level ground and at least 100 feet from any waterway. This activity must be continuously manned (minimum of two attendants plus a Company inspector) to ensure that overfilling, leaks, or spills do not occur. In addition, all equipment must be surrounded by temporary containment as described above.

  Where conditions require construction equipment (e.g., Bobcat/front-end loader/excavator) to be re-fueled within 100 feet of any waterway, or as prescribed by a project specific permit, the above requirements shall also apply and will be strictly enforced.

- All service vehicles used to transport fuel must travel only on approved access roads and workspace and be equipped with an appropriate number of fire extinguishers and an oil spill response kit as identified in Appendix C.

3 EMERGENCY RESPONSE PROCEDURES

This section provides a generic description of emergency response procedures to be performed to address oil and hazardous materials spills at the job site. Each response will vary depending upon the nature and extent of the incident. However, the general procedures outlined below will be followed.

3.1 CONTRACTOR RESPONSIBILITIES

- The Contractor must designate both an Emergency Coordinator (EC) and an Alternate EC for the project.
- The Contractor is responsible for immediately and appropriately addressing all spills that occur directly as a result of construction-related activities.
- For all spills the internal notification requirements of this Plan need to be followed.
- The Contractor shall supply the necessary manpower, personal protective equipment (PPE), and spill response equipment to immediately and appropriately address all spills that directly occur because of construction-related activities.
- Ensure that all emergency spill response equipment and PPE is well-stocked and in good condition. Replace used materials immediately after a response.
- If the situation warrants, the Contractor, in consultation with the CI, shall immediately notify any local emergency spill response contractors for assistance.
- The Contractor shall be responsible for hiring a Company approved emergency spill response contractor if the nature of the incident requires it.
- The Contractor is responsible for immediately notifying the CI, EI or Operations Manager of any spills.

3.2 COMPANY RESPONSIBILITIES

- The Company shall be responsible for ensuring that the Contractor adequately follows the procedures outlined in this Plan at all times.
- The Company shall be responsible for all verbal and written external notifications made to any regulatory agency or any local emergency responders.

3.3 EMERGENCY CONTACTS

Table I (Appendix A) provides a list of Company and Contractor emergency contacts.

3.4 DUTIES OF CHIEF INSPECTOR OR MANAGER, OPERATIONS

The duties of the CI, EI or MO for reportable spills include the following:

- Determine the source, character, amount, and extent of the spill.
- Assess the potential hazards to the job site, environment, and surrounding community and contact the Construction Safety Representative if any hazards are detected.
- Evacuate the area if necessary.
- Report the spill in accordance with the internal notification procedures outlined in Section 5.1 and the external notification procedures outlined in Section 5.2.
- Commit manpower and equipment for minor incidents that can be reasonably remediated by the Contractor.
- Oversee Contractor's spill response efforts to contain and control all spills to ensure they adequately follow the procedures outlined in this Plan.
- Document the Contractor's response effort, including taking photographs wherever possible.
- Generate an Emergency Incident Report (form WGP-0187).

4 EMERGENCY SPILL RESPONSE AND PERSONAL PROTECTIVE EQUIPMENT

Each construction crew (including cleanup crews) shall have on-hand sufficient supplies, as Identified in Appendix C; of absorbents, barrier materials, and PPE to allow for the rapid containment and recovery of any spilled material.

5 SPILL NOTIFICATION PROCEDURES

5.1 INTERNAL NOTIFICATIONS

- All spills are to be immediately reported to the CI, EI or MO who will immediately contact The Security Operations Center (SOC). Table I (Appendix A) includes a list of emergency contacts.
- The person reporting the spill/release should use the checklist in Appendix B to ensure that the minimum information needed is collected in order to make a report.
- The SOC is responsible for generating a Concern Report in Gensuite and notifying the appropriate Environmental Specialist.
- The Environmental Specialist will review the Concern Report and “escalate” or “close” the concern as appropriate.

5.2 EXTERNAL NOTIFICATIONS

- The CI, EI and or MO will consult with the appropriate Company Lead Environmental Specialist and determine who will be responsible for any necessary first-response notifications to an emergency spill response team to help contain the spill. If the spill occurs offshore, refer to the Offshore Spill Response Plan (OSRP).
- After all required immediate internal notifications are made by the SOC, the Company Lead Environmental Specialist and the SOC shall confer and use the gathered information to make any necessary subsequent verbal and written notifications to regulatory agencies.
- If a spill poses an immediate threat to human health or the environment, the CI, EI or MO shall immediately contact the Local Emergency Planning Committee (LEPC). When determining if the LEPC should be contacted, any gas release to the atmosphere must be taken into consideration. Note: Linear Projects may extend through multiple LEPC jurisdictions. As a result, all jurisdictions must be listed below.

The appropriate LEPC is:

Name:	*TBD*
Organization:	*TBD*
Phone Number:	*TBD*

5.3 EMERGENCY SPILL RESPONSE CONTRACTORS

The Company has arrangements with several emergency spill response contractors to address emergency responses beyond the capabilities of the Contractor.

If necessary, the following firms could be utilized for this project:

Company: *TBD*

Name:

Location:

Phone Number:

Company: *TBD*

Name:

Location:

Phone Number:

5.4 LOCAL EMERGENCY RESPONDERS

The Contractor or the CI (or MO) may call the following local emergency responders should their assistance be required: Note: Linear Projects may extend through multiple Emergency Responder areas. Contractor must ensure all jurisdictions are listed. Use attachments as needed.

Service	Telephone Number
Emergency Medical Services	*TBD*
Hospital	*TBD*
Fire	*TBD*
Police	*TBD*

6 CLEAN-UP PROCEDURES

The following section outlines specific procedures to be followed when addressing spills:

6.1 SPILLS

- Small spills and leaks must be remediated immediately. Use adsorbent pads wherever possible.
- Restrict spills to the containment area if possible, by stopping or diverting flow.
- If the spill exceeds the containment structure's capacity, immediately construct additional containment using sandbags or fill material. Every effort must be made to prevent the spills from entering a water body.
- If a spill reaches a water body, immediately place oil booms downstream in order to contain the material. As soon as possible, remove the floating layer with absorbent pads.
- After all recoverable spilled material has been collected, place all contaminated PPE, spill clean-up equipment, and any impacted soil into appropriate containers.
- For significant quantities of impacted soils, construct temporary waste piles using plastic sheets. This material should subsequently be transferred into lined roll-off boxes as soon as feasible.
- The Company Lead Environmental Representative will coordinate all waste characterization, profiling, and disposal activities.

6.2 EQUIPMENT CLEANING/STORAGE

- Upon completion of remedial activities, the Contractor shall be responsible for decontaminating reusable emergency response equipment and PPE.
- The Contractor shall be responsible for replacing any spent emergency response equipment and PPE prior to resuming construction-related activities.
- Decontamination rinse fluids shall be collected and containerized. The Company Lead Environmental Representative will coordinate waste characterization and disposal activities.

- Reusable PPE shall be tested and inventoried prior to being placed back into service.

6.3 WASTE DISPOSAL

The Contractor may be responsible for waste management and waste disposal or any waste generated as the result of a spill (review contract language and project specifics); however, The Lead Environmental Representative will coordinate all waste characterization, profiling, and disposal activities.

APPENDIX A

TABLE I: LIST OF EMERGENCY CONTACTS

Names	Job Description	Phone Number
Security Operations Center		855-945-5762 (24-hrs)
TBD	Chief Inspector	*TBD*
TBD	Manager, Operations	*TBD*
TBD	Company Lead Environmental Specialist	*TBD*
Contractor	**Job Description**	**Phone Number**
TBD	Emergency Coordinator	*TBD*
TBD	Alternate Emergency Coordinator	*TBD*
Regulatory Agencies	**Name**	**Phone Number**
	National Response Center	800/424-8802
	State Environmental Agency	*TBD*

APPENDIX B

SPILL/RELEASE REPORTING CHECKLIST

APPENDIX B SPILL / RELEASE REPORTING CHECKLIST			
Please see below for a summary of information to be obtained for reporting spills / releases:			**Comments**
Name Title, Company and Phone number of Person Reporting Incident	☐		
Spill / Release Location, Project, Facility, ROW (State, county, city, township, range, address, coordinates, if on ROW-nearest crossroads)	☐		
Date of Spill/Release	☐		
Was material released as a liquid, solid, or gas	☐		
Description of material released (oil, hydraulic fluid, glycol, condensate, etc.)	☐		
Time of Spill/Release	☐		
Estimated amount (volume or weight) of material spilled / released (Specify unit - gal, ft^3, lbs, etc.)	☐		
Has spill / release been stopped?	☐		
Duration of Spill/Release (Date and Time release was stopped)	☐		
Affected Media (Land, Water, Air, secondary containment, building)	☐		
Has affected area of spill / release been cleaned up?	☐		
Duration of spill / release cleanup activities	☐		
Estimated volume and/or weight of cleaned up material. Specify type of material removed, such as soil, concrete, pads, and unit of measure (gal, ft^3, lbs, etc.)	☐		
Containment of cleaned up material (drum, tank, roll-off) and location (spill site, contractor yard, station)	☐		
Brief description of cause of spill / release	☐		
Complete Form WGP-0187	☐		
Contacted:	**Supervisor**	☐	
	Pipeline Control	☐	
	Environmental Services Manager	☐	
	Environmental Field Rep	☐	
Notes:			

APPENDIX C

EMERGENCY SPILL RESPONSE AND PERSONAL PROTECTIVE EQUIPMENT

Equipment Inventory Option (to be determined by Company):

_____ **Option 1 – Adequate supplies as determined by the Contractor (min = supplies to respond to a 5 gal spill).**

_____ **Option 2 – As Directed by a Company representative with below minimum requirements.**

Equipment	Quantity	Location
(1) chemical spill kit	1	Office or storage accessible within 1 hour
(2) oil spill kit	1	adjacent to workspace and fuel service vehicles

SPILL KIT CONTENTS:

(1) 1 bag loose chemical pulp	3 chemical pillows (18” x 18”)
3 chemical socks (48” x 3”)	10 chemical mats/pads (24” x 24”)
1 box contractor-sized, 6-mil, disposal polyethylene bags (w/ ties)	
blank drum labels	one 30-gallon PE open-head drum or equal
2 shovels	
(2) 1 oil boom (100’ x 3”)	10 oil pillows (18” x 18”)
10 oil socks (48” x 3”)	25 oil mats/pads (24” x 24”)
1 box contractor-sized, 6-mil, disposal polyethylene bags (w/ ties)	
blank drum labels	three, 55-gallon PE open-head drums
4 shovels	
Detergent (Dawn, Simple Green, etc.) Spray Bottles	

PERSONAL PROTECTIVE EQUIPMENT:

The inventory of PPE should include enough for at least 4 responders reacting to a significant leak/spill including the below items.

Splash goggles, half-face respirators (w/ cartridges for benzene),
Tyvek suits, nitrile gloves, waterproof/ chemical resistant hip-waders