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## INTRODUCTION

This is a Stormwater Management Plan (SWMP) for the **Rocky Flats 10”, 8”, and 4” Gas Pipeline Replacement** project being conducted by Public Service Company of Colorado (PSCo), a Colorado corporation and an Xcel Energy Company. This document has been developed as defined in the Colorado Discharge Permit System (CDPS) *General Permit for Stormwater Discharges Associated with Construction Activity* (Permit No. COR-030000, effective July 1, 2007) authorizing stormwater discharges from construction activities that result in a total land disturbance of one acre or greater or if a project is less than an acre but part of a larger common plan of development.

This SWMP was prepared in accordance with good engineering, hydrologic and pollution control practices. Changes or additions may be required to address changes in conditions at the project. If such changes are made, this SWMP will be updated accordingly.

### 1. SITE DESCRIPTION (§I.C.1)

#### A. Nature of the construction activity at the site (Permit Section (§) I.C.1.a):

This SWMP covers linear construction activities associated with the installation of an underground gas utility line. Utility installation activities involve clearing and grubbing; boring underneath roadways, creeks, wetlands and irrigation ditches; trenching through open space, road right-of-way, and easements; installing gas utility lines, constructing staging areas, and associated activities. Upon completion of earth disturbing activities and nitrogen testing, the site will be restored with vegetation in areas that currently have vegetation, with gravel in areas that are currently graveled, and with pavement in areas that are currently paved, as shown on the site drawings. A number of sections of the pipeline are slated to be installed within agricultural fields, which shall be restored to a condition agreed upon with the land owner.

Public Service Company of Colorado (PSCo), an Xcel Energy company, is proposing to abandon in-place a section of natural gas pipeline located north of Rocky Flats National Wildlife Refuge, located in Jefferson County, Colorado. The section of pipeline to be abandoned supplies natural gas to the Coal Creek Valve Station, located on the east side of Colorado State Highway (SH) 93 approximately 1.3 miles north of SH 72. To continue supplying natural gas to the Coal Creek Valve Station, PSCo is constructing the Rocky Flats 10-, 8-, and 4-inch Natural Gas Pipeline Relocation Project (project), which will involve the installation of approximately 6.8 miles (35,905 linear feet) of 10-inch, 2.1 miles (11,090 linear feet) of 8-inch, and 1.7 miles (8,975 linear feet) of 4-inch natural gas pipeline in Jefferson County and city of Arvada, Colorado. Construction of the 8-inch and 4-inch pipelines will occur entirely within the Colorado Department of Transportation (CDOT) right-of-way (ROW) along SH 93 and 72, and the 10-inch pipeline will be installed within a PSCo utility easement located north of the CDOT ROW along SH 72, east of SH 93 in the city of Arvada.

The project area and location of proposed project components (i.e., pipelines, valve stations, and regulator stations) are shown in Figure 1. The term “project area” generally refers to a 50-foot-wide PSCo utility easement over the proposed 10-inch pipeline, CDOT ROW over the proposed 8-inch and 4-inch pipelines, and areas adjacent to the easement and/or ROW used for staging and laydown areas.