



Colorado Springs Utilities

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January 29, 2010

Mr. Kim B. Headley
Director of Planning & Development
Pueblo County
229 West 12th Street
Pueblo, CO 81003-2810

Subject: Southern Delivery System (SDS) 2009 Annual Report – Expenditures for Wastewater System Improvements

Dear Mr. Headley,

On behalf of the SDS Project Participants and pursuant to the Pueblo County 1041 Permit No. 2008-002, Condition No. 7, Expenditures for Wastewater System Improvements, enclosed is the 2009 Annual Report for Colorado Springs Utilities' Expenditures for Wastewater System Improvements.

The Annual Report provides expenditures for 2009 for our wastewater collection system rehabilitation programs and wastewater reuse systems. The expenditures reported are for projects not required by other regulatory permits, agency enforcement or court orders, consent agreements, or governmental regulations in place as of January 30, 2009.

2009 spending for wastewater collection system rehabilitation programs totaled \$8,923,726.66. No wastewater reuse expenditures were made in 2009.

If you have any questions regarding this report, please feel free to contact me directly at 719-668-8037, or Keith Riley, Southern Delivery System Planning & Permitting Program Manager, at 719-668-8677.

Sincerely,

John Fredell
Southern Delivery System Project Director

121 South Tejon Street, Third Floor
P.O. Box 1103, Mail Code 930
Colorado Springs, CO 80947-0930

Phone 719/668-4800
Fax 719/668-8734
<http://www.csu.org>

Enclosure

**cc: Jeff Chostner, Chairman, Pueblo Board of County Commissioners
John Cordova, Commissioner, Pueblo Board of County Commissioners
Anthony Nunez, Commissioner, Pueblo Board of County Commissioners
Larry Patterson, Utilities Director, City of Fountain
Roy Heald, District Manager, Security Water and Sanitation District
Steve Harrison, Director of Utilities, Pueblo West Metropolitan District
Keith Riley, Springs Utilities Southern Delivery System Planning & Permitting Manager
Rich Bartels, Springs Utilities Principal Project Manager, Wastewater Programs
Leah Ash, Springs Utilities General Manager, Distribution, Collection and Treatment**



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Southern Delivery System

Pueblo County 1041 Permit

**Expenditures for Wastewater System
Improvements**

Annual Report

January 29, 2010

Reporting for the period January 1, 2009 through December 31, 2009.

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Introduction

On March 18, 2009 the Pueblo Board of County Commissioners passed Resolution No. P&D 09-22, approving 1041 Permit No. 2008-002 with terms and conditions for construction of the Southern Delivery System water project within Pueblo County, Colorado.

1041 Permit Condition No. 7 requires that Springs Utilities provide an annual report to the Pueblo County Board of Commissioners on or before January 31 of each year reporting the Wastewater System Improvement expenditures from January 1 through December 31. Condition No. 7 of the permit states:

Expenditures for Wastewater System Improvements

In order to continue its efforts to protect against future spills to Fountain Creek, to increase its opportunities for reuse, and to mitigate possible water quality impacts by the SDS Project to Fountain Creek, Colorado Springs Utilities shall commit to invest an additional seventy-five million dollars (\$75,000,000) in its wastewater system. Expenditures will be made as part of the wastewater collection system rehabilitation programs or wastewater reuse systems between January 1, 2009 and December 31, 2024 as required. These expenditures shall be for projects not currently required by other regulatory permits, agency enforcement or court orders, consent agreements, or governmental regulations existing as of January 30, 2009. These expenditures will include the Local Collector Evaluation and Rehabilitation Program (LCERP) for the improvement and fortification of wastewater lines which could adversely affect Fountain Creek or its tributaries. These expenditures are subject to annual appropriation by the Colorado Springs City Council. Beginning in 2010, by January 31 of each year, Colorado Springs Utilities shall provide an annual report to Pueblo County describing such expenditures for the prior year.

The Wastewater Collection System Rehabilitation Programs are comprehensive programs that systematically inspect, evaluate, prioritize, and rehabilitate the collection system. In 2009 the projects that met the terms of Condition No. 7 are: 1) the Local Collectors Evaluation and Rehabilitation Program (LCERP); 2) the Manhole Evaluation and Rehabilitation Project (MHERP); and 3) the Collection System Rehabilitation and Replacement Project (R&R). These projects are independent of Springs Utilities' normal operation and maintenance programs.

The Wastewater Reuse System consists of several pumping stations, storage reservoirs, holding ponds, transmission mains and a tertiary treatment facility.

Project Descriptions

Local Collectors Evaluation and Rehabilitation Program (LCERP)

LCERP consists of the systematic evaluation and rehabilitation of sewer collection pipes less than 10-inches in diameter.

LCERP:

- Determines the condition of all the sanitary sewer pipe segments less than 10-inches in diameter and places them by priority on a schedule to be re-inspected, rehabilitated, repaired and/or replaced
- Reduces the risk of Sanitary Sewer Overflows (SSO's)

- Is part of the overall long-term investments in Springs Utilities' wastewater system through the year 2025

LCERP repaired or rehabilitated approximately 108,000 feet of sewer pipe less than 10-inches in diameter at a cost of \$7,733,602.72 in 2009.

Manhole Evaluation and Rehabilitation Project (MHERP)

MHERP has been developed as a comprehensive program to provide the rehabilitation of sanitary sewer manholes throughout the Springs Utilities wastewater collection system.

MHERP:

- Is designed to reduce the risk of spills, stoppages and SSOs
- Reduces infiltration and inflow at manholes throughout the collection system

MHERP repaired or rehabilitated approximately 131 manholes at a cost of \$413,643.32 in 2009.

Collection System Rehabilitation and Replacement Project (R&R)

The R&R project rehabilitates and replaces large diameter (greater than 10-inch) sewer pipes that were installed after January 1, 1994.¹

R&R:

- Is designed to facilitate operations, increase capacity, and upgrade the system
- Focuses on the reduction of sanitary sewer overflows and stoppages
- Reduces the risk of spills and protecting the public health and environment

The R&R project rehabilitated or upsized approximately 3,741 feet of greater than 10-inch sewer pipe at a cost of \$776,480.62 in 2009.

Wastewater Reuse Systems

Colorado Springs maintains a tertiary treatment facility along with a non-potable distribution system.

Wastewater Reuse Systems:

- Delivers tertiary-treated wastewater to parks, cemeteries, golf courses and commercial properties for landscape irrigation
- Includes supplies from raw surface water, groundwater, and reclaimed water

No wastewater reuse system expenditures were made in 2009.

¹ The Sanitary Sewer Evaluation and Rehabilitation Program, which includes large diameter pipe installed prior to 1994, and the Sanitary Sewer Creek Crossing Project are compliance order Wastewater Collection System Rehabilitation programs that do not meet the terms of Condition No. 7. The foregoing compliance activities resulted in an expenditure of \$12.8M in 2009.

Summary

During the reporting period of January 1, 2009, through December 31, 2009, costs for LCERP, MHERP and R&R programs totaled \$8,923,726.66.