



## Colorado Springs Utilities

*It's how we're all connected*

August 3, 2011

Joan Armstrong, Interim Director  
Pueblo County Planning & Development  
229 W. 12th Street  
Pueblo, CO 81003-2810

Subject: Southern Delivery System Pueblo County 1041 Permit Quarterly Construction Report, 2nd Quarter Calendar Year 2011

Ms. Armstrong:

Colorado Springs Utilities, the Southern Delivery System (SDS) Project Manager, is submitting the attached Pueblo County Quarterly Construction Report for the second quarter of calendar year 2011 in fulfillment of Pueblo County 1041 Permit No. 2008-002, Condition ENF-1, No. 1 – Quarterly Report with a summary of project construction in Pueblo County. This report includes the SDS Programmatic, Pueblo Dam Connection and South 2 Project Execution Plan document.

Please contact me at 719-668-8037, or Allison Mosser at 719-668-8667, with any questions regarding the attached report.

Sincerely,

John A. Fredell  
Southern Delivery System Program Director

Enclosure

cc: Mike Ryan, Bureau of Reclamation – Great Plains Regional Director

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# **Southern Delivery System Pueblo County 1041 Permit Quarterly Construction Report**

**2<sup>nd</sup> Quarter, Calendar Year 2011**

Prepared for:

**Pueblo County**

Submitted by:

**Colorado Springs Utilities, SDS Project Manager  
on behalf of SDS Participants**

July 2011

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# Acronyms and Abbreviations

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1041 Permit	Pueblo County 1041 Permit No. 2008-002
BMPs	Best Management Practices
Matrix	1041 Permit Quarterly Reporting Matrix
mgd	million gallons per day
PDC	Pueblo Dam Connection
Reclamation	Bureau of Reclamation
SDS	Southern Delivery System Project
SDS Participants	Colorado Springs Utilities, City of Fountain, Security Water District, and Pueblo West Metropolitan District
WTP	water treatment plant

## **Work Package Designations**

PDC1A	Pueblo Dam Connection
PDC1B	Pipeline from Pueblo Dam Connection to Juniper Pump Station including Pueblo West Connection
JPS	Juniper Pump Station
S1	Pipeline from Juniper Pump Station to Pueblo West
S2	Pipeline through Pueblo West
S3	Pipeline from Pueblo West to El Paso County line

# Executive Summary

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The Southern Delivery System Project (SDS) is a proposed regional water delivery system that will serve the City of Colorado Springs (via Colorado Springs Utilities), City of Fountain, Security Water District, and Pueblo West Metropolitan District (collectively, the SDS Participants).

## Purpose

The purpose of the SDS Pueblo County 1041 Permit Compliance Quarterly Construction Report for 2<sup>nd</sup> Quarter, Calendar Year 2011 is to provide Pueblo County with a summary of activities related to the conditions of the Pueblo County 1041 Permit No. 2008-002 (1041 Permit). The report is being submitted by Colorado Springs Utilities, the SDS Project Manager.

## Reporting Requirement

The 1041 Permit requires submission of a quarterly report during project construction in Pueblo County. This report is intended to provide a summary of activities related to the conditions of the 1041 Permit.

## Summary of SDS Construction Activities in Pueblo County during this Reporting Period

Contract documents with the United States Department of Interior, Bureau of Reclamation (Reclamation) were signed by Reclamation on May 4, 2011. SDS Construction activities began at the Pueblo Reservoir Dam on May 9, 2011. Activities at Pueblo Dam during the reporting period include:

- Installation of BMPs
- Construction of a coffer dam
- Excavation of approximately 3,000 cubic yards of material at the north outlet work
- Dewatering of the river channel within the coffer dam

In addition, a contract for the South 2 Pipeline (S2) work package was awarded to Garney Construction.

# 1.0 Introduction

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## 1.1 Purpose

The purpose of the Southern Delivery System (SDS) Pueblo County 1041 Permit Quarterly Construction Report for 2<sup>nd</sup> Quarter, Calendar Year 2011 is to provide Pueblo County with a summary of activities related to the conditions of the Pueblo County 1041 Permit No. 2008-002 (1041 Permit). The report is being submitted by Colorado Springs Utilities, the SDS Project Manager. This SDS Pueblo County 1041 Permit Quarterly Construction Report addresses the reporting requirements listed in the 1041 Permit Condition No. 25 and the 1041 Permit Mitigation Appendix ENF-1.

## 1.2 Southern Delivery System Project Overview

SDS is a proposed regional water delivery project that will serve the City of Colorado Springs (via Colorado Springs Utilities), City of Fountain, Security Water District, and Pueblo West Metropolitan District (collectively, the SDS Participants).

The first phase of SDS includes construction of the following facilities:

- A 53-mile raw water pipeline (66- and 72-inch diameter)
- Two 78-million-gallon-per-day (mgd) raw water pump stations and one 50-mgd raw water pump station (expandable in Phase 2)
- A water treatment plant (WTP) with a capacity of 50 mgd (expandable in Phase 2)
- Approximately seven miles of 42- to 54-inch-diameter finished water pipelines

Phase 2 of SDS includes the following:

- A 30,500 acre-foot terminal storage reservoir on upper Williams Creek, Upper Williams Creek Reservoir
- Expansion of the 50-mgd raw water pump station and WTP to 100-mgd capacity
- Expansion of the treated water delivery system
- A 28,000 acre-foot exchange storage reservoir on Williams Creek, Williams Creek Reservoir, and exchange conveyance facilities to transfer exchange water to and from Fountain Creek

The SDS facilities are shown on Figure 1.

## 1.3 Work Packages in Pueblo County

There are seven work packages that will be constructed in Pueblo County. These work packages and their designations are included in Table 1. Figure 2 identifies the locations of the work packages in Pueblo County.

FIGURE 1. Southern Delivery System Project Plan

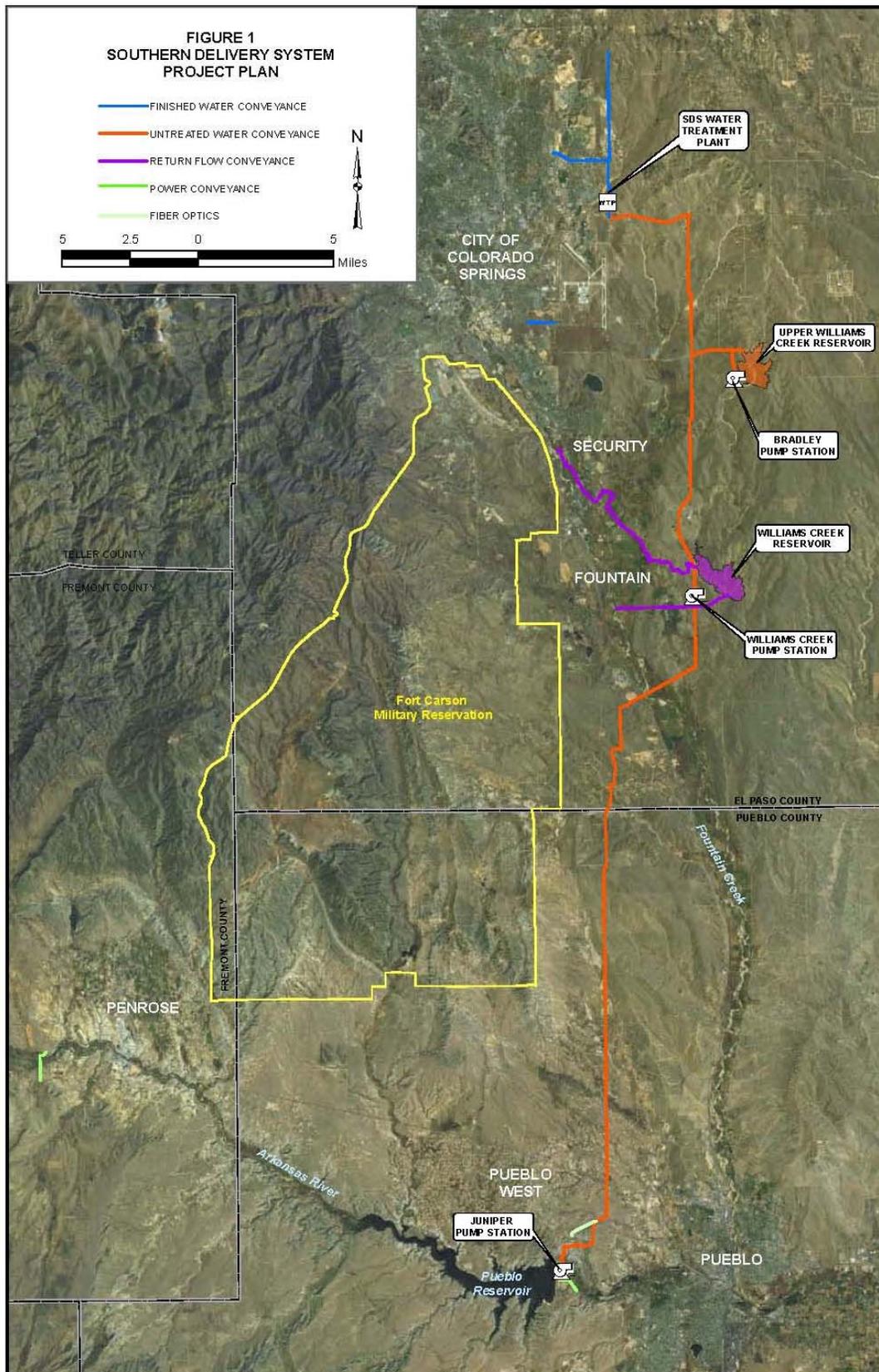


FIGURE 2. Work Packages in Pueblo County

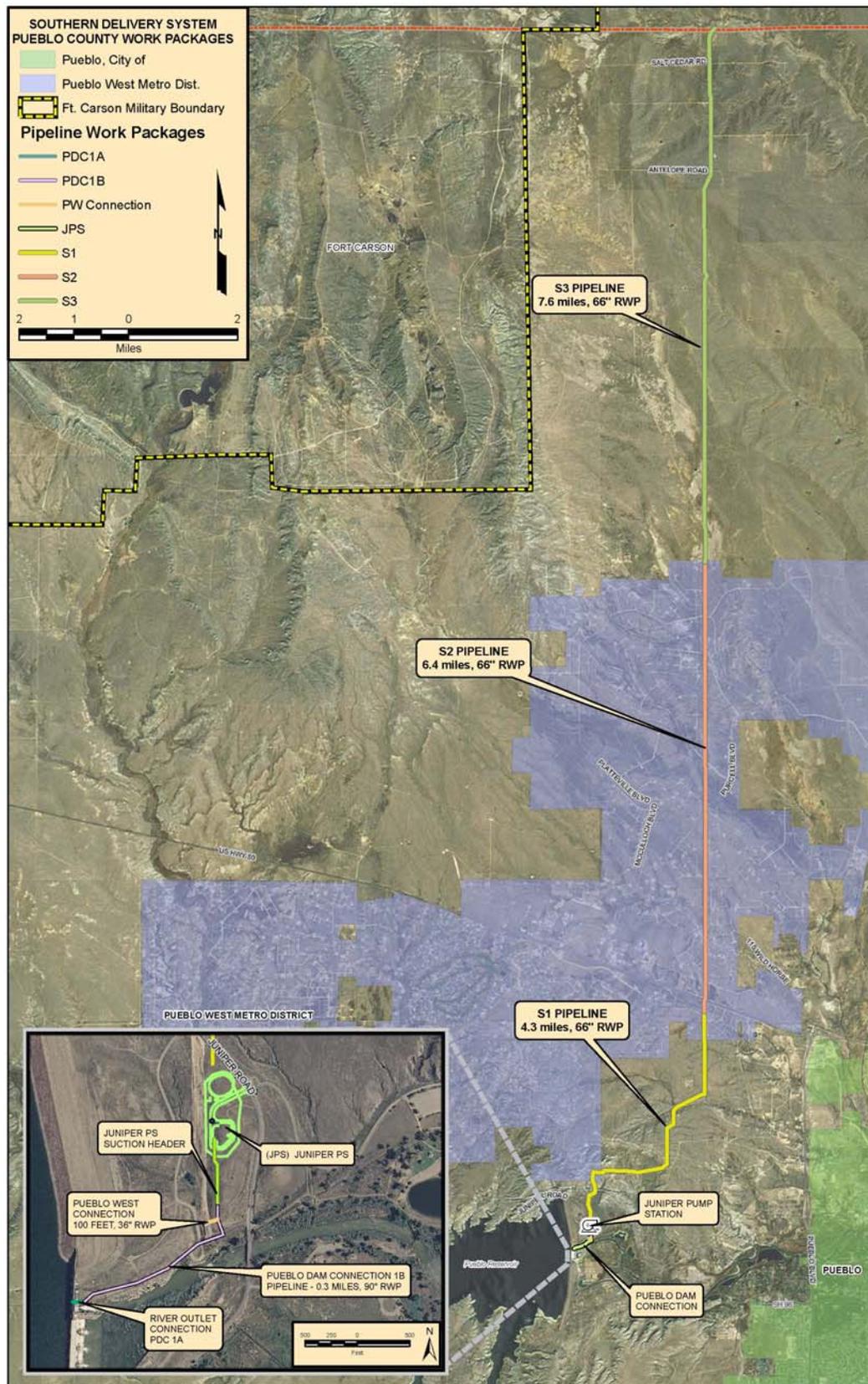


TABLE 1. Work Package Designations

Work Package Designation	Work Package Description
PDC1A	Pueblo Dam Connection
PDC1B	Pipeline from Pueblo Dam Connection to Juniper Pump Station including Pueblo West Connection
JPS	Juniper Pump Station
S1	Pipeline from Juniper Pump Station to Pueblo West
S2	Pipeline through Pueblo West
S3	Pipeline from Pueblo West to El Paso County line

## 1.4 SDS Participant Information

Contact details for the SDS Participants and their authorized agents are as follows:

### Colorado Springs Utilities (Authorized agent acting on behalf of Participants)

Contact: John Fredell, Program Director  
Plaza of the Rockies, Third Floor  
121 S. Tejon, MC930  
Colorado Springs, CO 80947  
Phone: (719) 668-8037; Fax: (719) 668-8734  
E-mail: jfredell@csu.org

### Security Water District (Participant)

Contact: Roy Heald, District Manager  
231 Security Blvd.  
Security, CO 80911  
Phone: (719) 392-3475; Fax: (719) 390-7252  
E-mail: r.heald@securitywsd.com

### City of Fountain (Participant)

Contact: Larry Patterson, Director of Utilities  
116 S. Main St.  
Fountain, CO 80817  
Phone: (719) 322-2076; Fax: (719) 391-0463  
E-mail: lpatterson@fountaincolorado.org

### Pueblo West Metropolitan District (Participant)

Contact: Steve Harrison, Utilities Director  
109 E. Industrial Blvd.  
Pueblo West, CO 80017  
Phone: (719) 547-3554; Fax: (719) 547-2833  
E-mail: sharrison@pmwd-co.us

## 1.5 SDS 1041 Permit Quarterly Construction Report Scope and Submittal Schedule

Colorado Springs Utilities, the SDS Project Manager, intends to provide SDS Pueblo County 1041 Permit Quarterly Construction Reports based on the calendar year. For instance, this report addresses the period from April through June of calendar year 2011. The intent is to provide these submittals to Pueblo County by the end of the month following the reporting period. The submittal dates are as follows:

- 1<sup>st</sup> Quarter (January through March) - April 30<sup>th</sup>
- 2<sup>nd</sup> Quarter (April through June) - July 31<sup>st</sup>
- 3<sup>rd</sup> Quarter (July through September) - October 31<sup>st</sup>
- 4<sup>th</sup> Quarter (October through December) - January 31<sup>st</sup>

## 2.0 Listing of Permit Compliance Reporting Requirements for SDS

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A detailed and specific listing of the permit compliance reporting requirements for SDS per the 1041 Permit is provided in Attachment 1 - 1041 Permit Quarterly Reporting Matrix (Matrix).

The Matrix contains:

- Columns 1 and 2: A listing of the quarterly reporting requirements for SDS that are described in the 1041 Permit Mitigation Appendix ENF-1
- Column 3: An activity summary describing the actions related to the conditions of the 1041 Permit
- Column 4: A field to show if additional documentation is included in an attachment to this report.

Supporting documentation listed in Matrix Column 4 is provided in the following attachments:

- Attachment 2 - Safety Incident Log
- Attachment 3 - Citizen Call Log
- Attachment 4 - Contractor Non-Compliance Issues Log
- Attachment 5 - Project Execution Plan Update
- Attachment 6 - Dewatering Activities & Excavation Locations in Pueblo County
- Attachment 7 - Work Outside Normal Work Hours Log

## 3.0 Summary of SDS Construction Activities in Pueblo County During the Reporting Period

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Contract documents with the United States Department of Interior, Bureau of Reclamation (Reclamation) were signed by Reclamation on May 4, 2011. SDS Construction activities began at the Pueblo Reservoir Dam on May 9, 2011. Activities at Pueblo Dam during the reporting period include:

- Installation of BMPs
- Construction of a coffer dam
- Excavation of approximately 3,000 cubic yards of material at the north outlet works
- Dewatering of the river channel within the coffer dam

In addition, a contract for the South 2 Pipeline (S2) work package was awarded to Garney Construction.

## 4.0 Forecast of Upcoming Activities for the Next Reporting Period

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The following construction activities are anticipated during the next reporting period (3<sup>rd</sup> Quarter, 2011):

- Continued Construction at Pueblo Dam
- Construction Start (anticipated) for the S2 Pipeline as early as September 2011
- Contract for the S1 Pipeline to be awarded in September 2011 (construction anticipated to start in 4<sup>th</sup> Quarter 2011)
- Contracts for the S3 Design to be awarded in July 2011 (construction anticipated to start in 4<sup>th</sup> Quarter 2011 or 1<sup>st</sup> Quarter 2012)

## 5.0 References

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- Bureau of Reclamation. 2008. Southern Delivery System Final Environmental Impact Statement. December.
- Bureau of Reclamation. 2009. Record of Decision for the Southern Delivery System Project Final Environmental Impact Statement. Record of Decision Reference No. GP-2009-01.
- Colorado Department of Public Health and Environment. 2010. Section 401 Water Quality Certification; Colorado 401 Certification No.: 4224. April 23.
- Colorado Springs Utilities, City of Fountain, Security Water District, Pueblo West Metropolitan District, and Colorado Division of Wildlife. 2010a. Southern Delivery System Fish and Wildlife Mitigation Plan. March 11.
- Fountain Creek Watershed, Flood Control, and Greenway District. 2010. Board of Directors Resolution 2010-01 – Land Use. February 26.
- Pueblo County. 2009. 1041 Permit No. 2008-002. April 21.
- State of Colorado. 2010. Memorandum of Agreement by and between the State of Colorado, acting by and through the Department of Natural Resources, for the use and benefit of the Division of Wildlife and Colorado Springs Utilities, acting as the Project Manager for the Southern Delivery System. May 18.
- U.S. Army Corps of Engineers. 2010. Department of the Army Permit; Permittee: Colorado Springs Utilities; Permit No. SPA-2005-00131-SCO; Issuing Office: Albuquerque District, U.S. Army Corps of Engineers. April 26.

# 1041 Permit Quarterly Reporting Matrix

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ATTACHMENT 1

Pueblo County 1041 Permit Quarterly Construction Reporting Matrix

Reporting Requirements		Q2, CY2011 Quarterly Report Information	
Pueblo County 1041 Permit Reference	Permit or Approval Document Requirement	Implementation Progress	Attachment Provided
25. Compliance Monitoring and Reporting, p. 18	Applicant shall monitor and periodically report to Pueblo County on its compliance with this Permit. During project construction in Pueblo County, Applicant will submit a quarterly report to Pueblo County summarizing the activities during that period, forecasting activities scheduled for the upcoming period, and addressing compliance with the terms and conditions of the Permit. After commencing deliveries of water through the SDS pipeline, Applicant shall submit annual reports to Pueblo County summarizing its activities related to the SDS Project, the Permit, and addressing compliance with the terms and conditions of the Permit. Pueblo County may, at its discretion, hold public reviews of the reports and Permit compliance, including hearings in accordance with its regulations. <i>See Mitigation Appendix ENF-1.</i>	Construction at the Pueblo Reservoir Dam began on May 9, 2011 with the installation of BMPs. This report summarizes activities that occurred during the second quarter of 2011.	No
Mitigation Appendix ENF-1, Project Detail, Item 1, p. 22 of 28	1. Submit a quarterly report during project construction in Pueblo County that will provide a summary of activities related to the Conditions of the permit. The report will summarize the activities occurring in the reporting period, and a forecast of activities planned in the upcoming period. Contents of the report will include (as applicable):	Construction at Pueblo Dam began on May 9, 2011. This report summarizes activities that occurred during the second quarter of 2011.	No
ENF-1, Item 1a.	Safety incident log.	No safety incidents occurred within Pueblo County during this reporting period.	Attachment 2 - Safety Incident Log
ENF-1, Item 1b.	Citizen call log.	The citizen's "hotline" established as a result of condition C-10, Item 2, received 4 phone calls regarding work packages in Pueblo County during the reporting period, which are documented in Attachment 3.	Attachment 3 - Citizen Call Log
ENF-1, Item 1c.	Description of mitigation and restoration activities (i.e., quantity and location of repaired road surface, reseeding, etc.).	As construction has just begun in this quarter, no mitigation or restoration activities occurred during this reporting period.	No
ENF-1, Item 1d.	List of non-compliance issues by contractors (silt releases, work hour infractions, fines and penalties).	There were no contractor non-compliance issues during this reporting period.	Attachment 4 - Contractor Non-Compliance Issues Log
ENF-1, Item 1e.	Sustainable construction practices employed.	Colorado Springs Utilities has incorporated sustainable construction practice requirements in the construction contract documents. See Attachment 5, the Project Execution Plan, for more detail regarding how sustainable construction practice requirements are incorporated into the construction contract documents.	Attachment 5 - Project Execution Plan Update
ENF-1, Item 1f.	Schedule and key milestones met and forecast.	Construction at Pueblo Dam began on May 9. A contract for Work Package S2 was awarded in June, with construction anticipated to begin as early as September 2011. Other construction within Pueblo County is not scheduled to begin until later in 2011.	No
ENF-1, Item 1g.	Location and extent of excavations.	Dewatering Activities and Excavation Locations in Pueblo County are provided in Attachment 6.	Attachment 6 - Dewatering Activities & Excavation Locations in Pueblo County
ENF-1, Item 1h.	Instances of work outside normal work hours, except maintenance activities.	A Work Outside Normal Work Hours Log for construction in Pueblo County is provided in Attachment 7.	Attachment 7 - Work Outside Normal Work Hours Log

ATTACHMENT 1

Pueblo County 1041 Permit Quarterly Construction Reporting Matrix

Reporting Requirements		Q2, CY2011 Quarterly Report Information	
Pueblo County 1041 Permit Reference	Permit or Approval Document Requirement	Implementation Progress	Attachment Provided
ENF-1, Item 1i.	Status of site maintenance, security, and access control to properties.	Colorado Springs Utilities has incorporated site maintenance, security, and access control as described in the construction contract documents. See Attachment 5, the Project Execution Plan, for more detail regarding how these requirements are incorporated into the construction contract documents.	Attachment 5 - Project Execution Plan Update
ENF-1, Item 1j.	Location and extent of dewatering activities.	Dewatering Activities and Excavation Locations in Pueblo County are provided in Attachment 6.	Attachment 6 - Dewatering Activities & Excavation Locations in Pueblo County
ENF-1, Item 1k.	Status of other required permits, including compliance with the programmatic agreement to protect cultural resources.	Colorado Springs Utilities is providing Pueblo County with a submittal within 60 days of each permit received. A status of other required permits is incorporated into the Project Execution Plan for each work package.	No
ENF-1, Item 1l.	Dust monitoring summary.	Dust monitoring began at the start of construction and is conducted each day of construction activity. At Pueblo Dam, there were no exceedances (limit = 0.15 mg/m <sup>3</sup> ) during the reporting period with a maximum reading of 0.037 mg/m <sup>3</sup> . In general, Colorado Springs Utilities is incorporating fugitive dust control requirements in compliance with all federal, state, or local regulations or permit requirements in the construction contract documents.	No
ENF-1, Item 1m.	Status of drainage and erosion control measures.	Prior to the start of construction at Pueblo Dam, a silt fence was installed around the construction site. The silt fence is inspected weekly and continuously monitored and maintained.	No
ENF-1, Item 1n.	Status of plant and wildlife protection requirements.	At the Pueblo Dam construction site, there were no identified endangered plant life. No migratory bird nests were identified at the site and the only identified species of concern is the triploid checkered whiptail lizard. A silt fence was installed to keep the lizards off the construction site.	No
ENF-1, Item 1o.	Status of measures to protect surface and groundwater flows.	Prior to the start of construction at Pueblo Dam, a silt fence was installed around the construction site. The silt fence is inspected weekly and continuously maintained.	No
ENF-1, Item 1p.	Status of livestock protection measures.	No livestock protection measures are needed at the Pueblo Dam.	No
ENF-1, Item 1q.	Status of Clear Spring Ranch project.	Colorado Springs Utilities received initial approval on the design of the jurisdictional wetlands mitigation from the US Army Corps of Engineers on March 17. Colorado Springs Utilities received approval from the Fountain Creek Watershed, Flood Control, and Greenway District for this project in May. Colorado Springs Utilities anticipates getting all the necessary approvals by the mid-September and begin construction of the wetlands site in late September. Creek realignment design procurement is in process.	No

ATTACHMENT 1

Pueblo County 1041 Permit Quarterly Construction Reporting Matrix

Reporting Requirements		Q2, CY2011 Quarterly Report Information	
Pueblo County 1041 Permit Reference	Permit or Approval Document Requirement	Implementation Progress	Attachment Provided
ENF-1, Item 1r.	Status of pump station architectural review.	On November 16, 2010, the Pueblo County Board of County Commissioners passed and adopted Pueblo County Resolution No. 10-299 appointing Pueblo County's Planning Director, Kim Headley, to be Pueblo County's representative to participate in the final selection of architecture and landscaping for the Juniper Pump Station and approving the initial stage design presented consisting principally of the exterior treatments and architecture of the proposed pump station, including the colors and building materials. No further work has been conducted requiring review.	No
ENF-1, Item 1s.	Status of land acquisition.	Colorado Springs Utilities has attempted to coordinate with individual landowners to acquire properties and easements through voluntary negotiations to the maximum extent practicable, using the power of eminent domain only as a last resort. Colorado Springs Utilities has reached agreements with a majority of the landowners; however, Colorado Springs Utilities has been unable to reach mutual agreement with a limited number of landowners and is keeping the Pueblo County Board of County Commissioners informed of its progress through regular communications. Additional detail can be found in Item 15 on page 3 of Attachment A in the PEP Update, which is located in Attachment 5 of this report.	No
ENF-1, Item 1t.	Status of compliance with requirements concerning Pueblo County Roads.	Due to Bureau of Reclamation confidentiality requirements for Pueblo Dam, the PDC (Work Package 1A) final plans and specifications have not been formally submitted to Pueblo County. For the pipeline work packages in Pueblo County, Colorado Springs Utilities will provide Pueblo County with copies of the final plans and specifications as part of the pre-construction coordination activities associated with the given work package. The 100% design plans for S2 were submitted in April.  The designated haul route for this project is limited to the interstate, state highways, and roads on Bureau of Reclamation lands. Due to the lack of construction activity during this reporting period, there were no excavation or access permits obtained. The Traffic Control, Staging Area, or Haul Route Plans for S2 were submitted in April for review and approval.	No
ENF-1, Item 1u.	Status of dredging at the levees on Fountain Creek in Pueblo.	Colorado Springs Utilities has coordinated extensively with Pueblo County regarding the scope of a Fountain Creek dredging project. On August 30, 2010 an agreement was reached by which \$2.2 million in funding would be provided to Pueblo County in lieu of conducting the Fountain Creek dredging project. This payment was made to Pueblo County on September 27, 2010.	No

ATTACHMENT 1

Pueblo County 1041 Permit Quarterly Construction Reporting Matrix

Reporting Requirements		Q2, CY2011 Quarterly Report Information	
Pueblo County 1041 Permit Reference	Permit or Approval Document Requirement	Implementation Progress	Attachment Provided
ENF-1, Item 1v.	Status of reclamation and bonding for disturbed areas.	There were no reclamation activities during this reporting period. Colorado Springs Utilities will provide the security bond for each work package prior to the start of construction.	No
ENF-1, Item 1w.	Status of the written MOU for construction and use of the North River Outlet Works.	The written MOU was executed on May 5, 2011.	No
ENF-1, Item 1x.	Acceptance of the design of structures at Lake Pueblo Dam by the BOR.	The SDS Participants have coordinated with Reclamation on the design review for the Pueblo Dam Connection. Colorado Springs Utilities recieved a letter on October 15, 2010 from Reclamation accepting the design for this portion of the project.	No
ENF-1, Item 1y.	Status of conservation strategies, local reuse, stormwater management, drainage regulations and enforcement.	Colorado Springs Utilities continues its commitment to water conservation programs and reuse as described in the 1041 Permit Condition No. 24. In conformance with the 1041 Permit Condition No. 23 (Stormwater Management), Colorado Springs Utilities continues to maintain its stormwater controls to meet local, state, and federal regulations.	No
ENF-1, Item 1z.	Status of stormwater and wastewater system improvements per permit commitments.	In conformance with the 1041 Permit Condition No. 23 (Stormwater Management), Colorado Springs Utilities continues to maintain its stormwater controls to meet local, state, and federal regulations. Colorado Springs Utilities submitted a wastewater expenditures report documenting 2009 expenditures on wastewater improvements which meet the requirements of the 1041 Permit Condition No. 7 (Expenditures for Wastewater System Improvements). The 2010 report was submitted to Pueblo County on January 31, 2011.	No
ENF-1, Item 1aa.	Status of NEPA, ROD, contract negotiations with BOR and notice of NEPA-required mitigation and any project changes resulting from contract negotiations.	Reclamation issued the ROD on March 20, 2009. On August 25, 2010, the SDS Participants and Reclamation reached preliminary agreement on the contracts required to store, convey and exchange water using Pueblo Reservoir. The final contracts were signed by Reclamation on May 4, 2011. <u>No significant project changes resulted from contract negotiations.</u>	No
ENF-1, Item 1bb.	Status of payments in lieu of property taxes.	For those private properties purchased and owned in fee, Colorado Springs Utilities will coordinate with the Pueblo County Assessor to determine the amount for the annual payment in lieu of property taxes. The payment for 2011 was made on April 28, 2011.	No
ENF-1, Item 1cc.	Copies of the annual reports on the SDS Project submitted to Reclamation.	Colorado Springs Utilities, as SDS Project Manager, prepared the SDS Permit Compliance Annual Report (PCAR) for the past calendar year, which was submitted to Reclamation on January 31, 2011. A copy of this report was provided with the quarterly report for the first quarter of 2011.	No

# Safety Incident Log

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There were no safety incidents by SDS contractors in Pueblo County during this reporting period. In future Pueblo County 1041 Permit Quarterly Construction Report submittals, a Safety Incident log will be provided if safety incidents occur in Pueblo County during the reporting period.

## Citizen Call Log

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The citizen's "hotline" established as a result of condition C-10, Item 2 of the 1041 Permit, received nine phone calls during the reporting period. Of the nine calls, five of the calls pertained to work packages in El Paso County. The other four calls, which are documented in this Attachment, pertained to work packages in Pueblo County.

### ATTACHMENT 3

#### Citizen Call Log

Date	Name of Caller	Reason for Call	Response	Follow Up	Disposition
4/7/2011	Al Aldecocea	Mr. Aldecocea is a board member for the Midway Ranches Property Owners Association (MRPOA) and inquired about SDS timing, alignment, etc., and impact on MWPOA privately owned roads and their water system, half owned and operated by Wigman Water District.	Mr. Aldecocea was provided basic information about SDS and a visit to Mr. Aldecocea's home was arranged.	Two members of the SDS team met with Mr. Aldecocea on April 11 at his home and provided information about the project. Mr. Aldecocea invited them to the May 18 annual meeting of the MRPOA.  SDS team members attended the annual meeting at the Prairie Heights Elementary School and spoke to neighbors about the project and upcoming communication opportunities.	Resolved to the residents satisfaction. Follow up informational communications ongoing.
6/13/2011	Pierre DeChabert	Mr. DeChabert was wondering if his fence will be relocated to a different location than the present following construction. His neighbors told him that some other people along the easement were told they could not relocate fences back to existing locations following construction and he was worried about losing some of his yard area because the fence would need to be in a different location.	The MOA and parcel checklist for the De Chabert property was reviewed and the fence notations were discussed. The notes indicate the fence will be replaced to its existing location. An SDS team member will talk to the designer to review the plan set drawings to double check that the fence notations are clear.	The SDS team provided Mr. De Chabert with information about his fence as requested.	Resolved to the property owners satisfaction. Follow up informational communicaitons ongoing.
6/16/2011	Tom Dees	Mr. Dees recently bought the property and just learned that the pipeline is going through the back of his yard. He wants to know more about the project and what ways he can use his yard in the easement area following construcion. He just installed a corral and fence and learned of the project from the Pueblo West Metro District during permitting of his structures.	Mr. Dees was updated about the project and tentative schedule for the portion he is on (S2). He was also updated about the upcoming work and importance of keeping items out of the easement. Mr. Dees will be provided a full set of documents pertaining to his property regarding the esement and a clear understanding about how he can use his property following construction.	The SDS team provided Mr. Dees with information about the eastment as requested.	Resolved to the property owners satisfaction. Follow up informational communicaitons ongoing.
6/29/2011	Ramon Juarez	Mr. Juarez was seeking job opportunities with the SDS.	Mr. Juarez was provided with updated contractor information.	The SDS team provided contractor information to Mr. Juarez to inquire about job opportunities.	Resolved to the callers satisfaction.

# Contractor Non-Compliance Issues Log

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There were no permit or environmental non-compliance issues by SDS contractors in Pueblo County during this reporting period. In future Pueblo County 1041 Permit Quarterly Construction Report submittals, a Contractor Non-Compliance Issues log will be provided if permit or environmental contractor non-compliance issues occur during that reporting period.

# Project Execution Plan Update

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# **Southern Delivery System**

## **Project Execution Plan Update Programmatic, PDC1A, S2**

**July 29, 2011**

### **Prepared For:**

Pueblo County  
Department of Planning & Development  
229 W. 12th Street  
Pueblo, CO 81003-2810

### **Prepared By:**

Colorado Springs Utilities, on behalf of the SDS Participants

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## Tables

Table 1: Work Package Designations

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Figure 1: Pueblo County Work Packages

## Attachments

Attachment A: 1041 Permit Compliance Documentation Matrix

## SECTION I

# Purpose

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The Pueblo County 1041 Permit No. 2008-002 (1041 Permit) for the Southern Delivery System (SDS) states in Mitigation Appendix C-13 (Pre-Mobilization Readiness Review, Project Detail section) that the Applicant shall, “Prepare a Project Execution Plan (PEP) for each Work Package of the SDS Project (i.e., Pump Station, Pipeline Segment, Water Treatment Plant). The PEP will be structured to standardize and codify the project planning process for consistency and quality of implementation.”

The purpose of this PEP is to document how the 1041 Permit requirements have been incorporated into the project planning process to date. The 1041 permit requirements and compliance tables for the Program, Pueblo Dam Connection, and South 2 (S2) Pipeline work packages were included in a previous PEP. Updates to these work packages are included in Attachment A. Historical Programmatic and Work Package data that has not changed from previous reports remain in the table as originally submitted. New activity and/or updates are presented in the tables as applicable.

# Project Introduction

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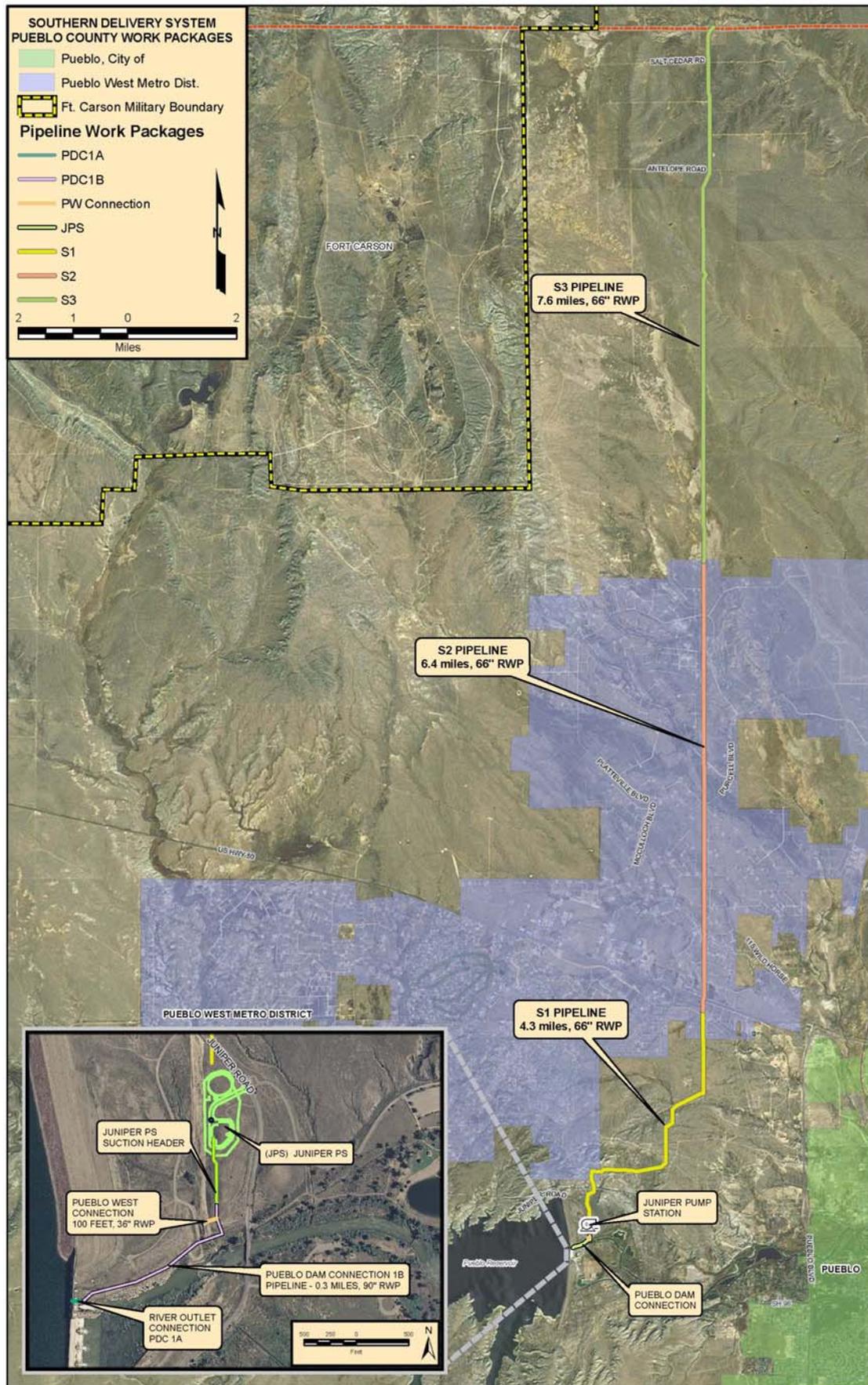
## SDS Project Overview

SDS is a water delivery system that will convey water from the Pueblo Reservoir Dam, a U.S. Department of Interior Bureau of Reclamation facility, to end users in the communities of Colorado Springs, Fountain, Security, and Pueblo West (collectively, the SDS Participants). Elements of the system will include: a connection to the source water, pump stations, a raw water delivery pipeline, a water treatment plant, and finished water transmission pipelines. There are seven work packages that will be constructed in Pueblo County, and PEPs will be provided to Pueblo County for each of the work packages. These work packages and their designations are included in Table 1.

TABLE 1. Work Package Designations

Work Package Designation	Work Package Description
PDC1A	Pueblo Dam Connection
PDC1B	Pipeline from Pueblo Dam Connection to Juniper Pump Station including the Pueblo West Connection
JPS	Juniper Pump Station
S1	Pipeline from Juniper Pump Station to Pueblo West
S2	Pipeline through Pueblo West
S3	Pipeline from Pueblo West to El Paso County line

Figure 1. Pueblo County Work Packages



### SECTION III

# Project Planning Process

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In order to codify and standardize the project planning process for each of the SDS work packages, Colorado Springs Utilities, on behalf of the SDS Participants, has developed a permit compliance documentation matrix specifically for the 1041 Permit. This matrix is provided as **Attachment A** and is used to document how the 1041 Permit conditions were incorporated into the construction documents, as applicable. **Attachment A** provides a listing of the conditions that are applicable to Programmatic, Pueblo Dam Connection, and S2 Pipeline construction activities along with a brief synopsis of the measures taken to comply with the condition. The attachment also includes references to the applicable sections of the construction documents. The intent of **Attachment A** is to provide the programmatic responses and the documentation of compliance for each work package in one table.

ATTACHMENT A

Pueblo County 1041 Permit No. 2008-002 Compliance Documentation Matrix

Note: All sub-headers and conditions listed in columns 1 and 2 of the table below are taken verbatim from the 1041 Permit document.

1041 CONDITION		PROGRAMMATIC	WORK PACKAGE 1A: PUEBLO DAM CONNECTION	WORK PACKAGE: S2 Pipeline
1041 Permit Section	1041 Condition	Documentation of Compliance	Documentation of Compliance	Construction Document References
General Requirements Contained in the Main Body of 1041 Resolution or in the Permit Application				
1. Commitments of Applicant, p. 8	The following terms and conditions contain the specific commitments of the Applicant and shall be met as herein described.	See the responses provided for each of the conditions listed below.	Programmatic Requirement	Programmatic Requirement
2. Term of Permit, p. 8	This Permit is valid indefinitely for the life of the SDS Project, provided Applicant is in compliance with this Permit. If the Applicant fails to take substantial steps to construct the permitted development within thirty-six (36) months from the date of the Permit, then the Permit may be revoked or suspended by the County in accordance with its Areas and Activities Regulations. The Applicant may submit a written request to Pueblo County for an extension of the time period to begin construction under the Permit for good cause.	Construction of the first SDS work package, Work Package 16A (Finished Water 1), began in September 2010. Work Package 1A (Pueblo Dam Connection) began construction in May 2011. Subsequent work packages including South Pipeline 1 and South Pipeline 2 are expected to begin construction later this year and into 2012. Therefore, substantial steps to construct SDS will be taken within 36 months of the approval of the 1041 Permit, which was issued on April 21, 2009.	Programmatic Requirement	Programmatic Requirement
3. Transfer of Permit, p. 8	This Permit may be transferred in whole or part to another party only with the written consent of the Board of Pueblo County Commissioners. A proposed transferee shall demonstrate that it can and will comply with all the requirements, terms, and condition contained in the Permit.	Colorado Springs Utilities, on behalf of the SDS Participants, does not intend to transfer the 1041 Permit to another party. If such transfer is deemed necessary in the future, the SDS Participants will first seek written consent from the Board of Pueblo County Commissioners.	Programmatic Requirement	Programmatic Requirement
4. Compliance with other Regulatory Requirements, p. 8		Colorado Springs Utilities, on behalf of the SDS Participants, are taking numerous measures to track regulatory requirements and permits to facilitate compliance as documented in this PEP. Please refer to Section IV – Permit Management and the Environmental Management System (EMS) for a more detailed discussion.	Colorado Springs Utilities, project manager for the SDS Participants, is taking numerous measures to track regulatory requirements and permits to facilitate compliance as documented in this PEP. In addition, the contract for construction includes requirements for the Contractor to conduct their operations in compliance with associated permits and regulatory requirements.	Construction Contract: General Conditions, Article 6
4.1. Other Pueblo County Regulations, p. 9	This permit shall not constitute an exemption from Pueblo County zoning, building, health, or other applicable regulations and codes (except as provided in Section 17.140.010(F) of the <u>Pueblo County Code</u> regarding special use permits).	The SDS Participants will comply with the applicable Pueblo County regulations and codes in the design, construction, and operation of SDS in Pueblo County.	Programmatic Requirement	Programmatic Requirement
4.2. Flood Hazard Area Development Permits, p. 9	The Applicant shall obtain a Flood Hazard Area Development permit(s) for construction proposed within any designated 100-year floodplain in Pueblo County (as identified by the most current FEMA Flood Insurance Rate Maps for Pueblo County). These permits require review and approval by the Pueblo County Department of Planning and Development prior to any construction within a floodplain.	Colorado Springs Utilities, on behalf of the SDS Participants, will obtain Flood Hazard Area Development permits for any construction proposed within a designated 100-year floodplain. This permit requirement will be addressed with the work package-specific PEPs.	The Flood Hazard Area Development Permit for PDC was issued by Pueblo County on August 31, 2010. The permit number is FP2010-002 and the expiration date is August 31, 2011.	Construction Contract: General Conditions, Sections 6.08 and 6.09 Specifications: 01 41 26, 1.01.C
4.3. Permit for New Electrical Substation and Transmission Lines, p. 9	Construction of a new substation and transmission lines for the Juniper Pump Station shall require approval by Pueblo County of a Use-by-Review as specified in the Public Use District (S-1) zoning regulations if less than 115 Kv. If 115 Kv or greater, a separate permit application shall be submitted under the applicable Areas and Activities Regulations.	Colorado Springs Utilities, on behalf of the SDS Participants will comply with the applicable permitting approval process for the new substation and transmission lines for the Juniper Pump Station.	Programmatic Requirement	Programmatic Requirement
5. Permit Amendment, p. 9	Any material change in either the construction, use, or operation (exceeding 78 mgd pumping by the Juniper Pump Station) of the SDS Project from that approved herein, shall require a permit amendment. For these purposes a material change shall be any change in the Project which significantly changes the nature of impacts addressed by the Permit. The Applicant shall notify Pueblo County of any material change in the SDS Project (not including routine maintenance, repair, or operation of an existing facility) and the County will determine whether an amendment or new permit is required. Any disagreement about the materiality of a change shall be subject to the Dispute Resolution Process outlined herein.	No material changes from the project as presented in the 1041 Permit are anticipated at this time.	Programmatic Requirement	Programmatic Requirement
5.1 Use of New Water Supplies Delivered Through SDS Project, p. 9	Although Applicant currently has no firm plans to acquire by purchase or lease additional water rights in the Arkansas Basin either downstream or upstream of Pueblo Reservoir, the possibility exists that additional water supplies will be required in the future. In addition, if third-party contracts or agreements are executed meeting the other terms and conditions of this permit, those entities might well seek to acquire new or additional water rights for transportation of water through the SDS Project. Pueblo County asserts that it possesses the legal authority to regulate and control such additional water and water rights transportation through the SDS project. Nothing in the terms and conditions of this 1041 Permit is intended to prevent Pueblo County from asserting that jurisdiction and regulatory authority, subject to the right of any such third-party and/or Applicant to assert any defenses to the exercise of the County's authority that may then exist.	Colorado Springs Utilities, on behalf of the SDS Participants, has not sought to acquire additional water rights in the Arkansas Basin at this time nor have any third-party contracts or agreements been executed. However, the possibility still exists that additional water supplies will be required in the future. The SDS Participants agree to continued coordination with Pueblo County in the event that any third-party contracts or agreement are executed meeting the other terms and conditions of this permit.	Programmatic Requirement	Programmatic Requirement
5.2. Carriage Of Water To Entities That Are Not SDS Project Participants, p. 10	Although Applicant has no existing permits or agreements with third-parties not listed as Applicants on 1041 Permit Application No. 2008-002, except all existing service agreements already disclosed to Pueblo County, it does not intend to foreclose the potential of making additional agreements for the long-term delivery of water to third parties via the SDS Project. In the event any such third-party contracts are entered into under which Applicant would delivery water to such a third-party in El Paso County, Applicant shall require that the following conditions be included in any contract, permit, or agreement with such third-party: A. A clear acknowledgment of support for the Fountain Creek Watershed Flood Control and Greenway District, together with a commitment to participate in the financing of said district; B. A clear and irrevocable commitment not to serve property located outside of the natural drainage of the Arkansas River or to market, transfer, wheel, or otherwise provide water to properties or entities located outside the natural drainage of the Arkansas River; C. The adoption and maintenance of a financing mechanism similar to the Colorado Springs Stormwater Enterprise capable of financing, constructing, and maintaining storm water detention and retention facilities intended to insure that the storm flows of the Fountain Creek Basin do not increase above existing conditions, along with the adoption and maintenance of regulations and ordinances requiring stormwater detention, retention, and management of no less strict than those in place in the City of Colorado Springs. This condition can only apply to such third-parties who have the legal authority to regulate in this manner; D. An agreement to accept and comply with the City of Pueblo Flow Management Program and the Pueblo Recreational In-channel Diversion Decree both impacting the Arkansas River between Pueblo Dam and its confluence with Fountain Creek, in any application for a change of water rights or exchange implicating that reach of the river; E. Pro rata participation in any water quality monitoring or studies to the same degree and extent as undertaken by the Applicant under this permit; and F. Support of any studies of a flood control dam or dams on Fountain Creek. Upon the submission of contracts or agreements to Pueblo County evidencing the acceptance of the foregoing terms and conditions, Applicant shall be entitled to enter into third-party contracts for the delivery of water from Pueblo Reservoir to entities located in El Pas County or Teller County within the Arkansas River Basin. Nothing herein shall provide a right in the Applicant or any other entities to operate the SDS Project at a rate of flow in excess of 78 mgd without applying for and receiving an amended 1041 Permit satisfying any additional terms and conditions which might then be imposed.	No additional SDS Participants have been included in SDS since the approval of the 1041 Permit. If additional participants are identified in the future, evidence of their acceptance of the terms and conditions of the 1041 Permit will be submitted to Pueblo County.	Programmatic Requirement	Programmatic Requirement

ATTACHMENT A

Pueblo County 1041 Permit No. 2008-002 Compliance Documentation Matrix

Note: All sub-headers and conditions listed in columns 1 and 2 of the table below are taken verbatim from the 1041 Permit document.

1041 CONDITION		PROGRAMMATIC	WORK PACKAGE 1A: PUEBLO DAM CONNECTION	WORK PACKAGE: S2 Pipeline	
1041 Permit Section	1041 Condition	Documentation of Compliance	Documentation of Compliance	Construction Document References	
5.3. Reservation of Permit Authority, p. 11	Colorado Springs currently does not have the authority to enlarge the storage capacity of Pueblo Reservoir. Should the enlargement of Pueblo Reservoir occur in the future, and should Colorado Springs become a participant in that enlargement, Pueblo County reserves the right to assert, at that time, that those actions constitute a permissible activity under its 1041 regulations, subject to the right of Colorado Springs to assert any defenses to the exercise of the County's authority that may then exist.	Colorado Springs Utilities, on behalf of the SDS Participants, understand that any future plans to enlarge Pueblo Reservoir may be subject to Pueblo County's 1041 regulations if they participate in this project.	Programmatic Requirement	None Applicable	Programmatic Requirement None Applicable
6. Monetary Mitigation for Fountain Creek Impacts, p. 11	In order to mitigate the impacts of SDS to Fountain Creek in Pueblo County, Applicant will pay \$50,000,000 to the Fountain Creek Watershed, Flood Control and Greenway District ("District") described in the Intergovernmental Agreement for the Management and Conservation of Fountain Creek executed by El Paso County on December 15, 2008 and Pueblo County on December 16, 2008. \$300,000 of that amount shall be paid in equal annual installments of \$100,000, commencing July 1, 2009. These payments shall be used to assist in the identification and prioritization of projects, and to fund a study or studies of opportunities for constructing flood control and sediment control facilities which may include the feasibility of a dam or dams on Fountain Creek or its tributaries in order to improve the flood protection for the City of Pueblo and the Fountain Creek Basin. Payment shall be made as to the remaining \$49,700,000 as follows: \$9,700,000 on January 15, of the year following completion and commencement of water deliveries through the SDS Pipeline from Pueblo Reservoir to Colorado Springs; and in equal annual installments of \$10,000,000 on January 15 of each of the four years thereafter. Payments shall be made to the District, provided: it is created by legislation supported by Pueblo County and El Paso County for the management and conservation of Fountain Creek; it provides for participation by Pueblo County and the City of Colorado Springs as voting members of the board of directors; it has equal representation of entities from Pueblo County and El Paso County as voting members of the board of directors; and it has power to levy taxes and impose fees. If the District is not so created, then Pueblo County and Colorado Springs will establish a not for profit corporation pursuant to the Colorado Revised Nonprofit Corporation Act, C.R.S. §7-121-101, et seq, governed by a board of directors having an equal number of directors from Pueblo County and from Colorado Springs, for the purposes specified herein. The Foundation, if established, will be referred to as the Fountain Creek Restoration Foundation. ("FCRF"). The District (or if not created, the FCRF) may use funds provided by the Applicant under this permit condition only for one or more new projects in the Fountain Creek watershed between Colorado Springs and the Arkansas River confluence in Pueblo that create a significant and not merely incidental benefit to Fountain Creek within Pueblo County for improvement of water quality, for flood control, or for prevention of erosion and sedimentation. Subject to these criteria, acceptable projects may include: A. Those projects that have been identified by the United States Army Corps of Engineers ("Corps") as high priority erosion, sedimentation, or flood control projects in a formal Corps' recommendation for Fountain Creek; B. Erosion, sedimentation, flood control or water quality improvement projects identified as part of the Fountain Creek Corridor Master Plan adopted by Colorado Springs Utilities and the Lower Arkansas Valley Water Conservancy District; C. Any other sedimentation and erosion control, flood control, including a dam or dams, or stream improvement project that is found to be acceptable by the District or, if not created, the FCRF. In the event completion of the SDS Project is delayed beyond 42 months after the effective date of the permit because of an affirmative decision made by Applicant, then the payments to be made by the Applicant pursuant to this paragraph shall begin to be made on such date, without regard to project construction status, or such payments shall be subject to annual indexing commencing 42 months after the effective date of the permit, to increase the amount of such payments as required to preserve their present values, using the Colorado Front Range Producer Price Index, but not to exceed a maximum annual increase of 3.5%.	The first installment of \$100,000 was paid via Electronic Funds Transfer (EFT) on 09/04/2009. The EFT identification number for this transaction is 17350. The second installment of \$100,000 was paid via EFT on 06/29/2010. The EFT identification number for this transaction is 21087. The third installment of \$100,000 was paid via EFT on 06/28/2011. The EFT identification number for this transaction is 26356.	Programmatic Requirement	None Applicable	Programmatic Requirement None Applicable
7. Expenditures for Wastewater System Improvements, p. 12	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 \$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.	Colorado Springs Utilities submitted reports documenting the 2009 and 2010 expenditures to Pueblo County. These reports were provided on January 29, 2010 and January 31, 2011, respectively.	Programmatic Requirement	None Applicable	Programmatic Requirement None Applicable
8. Sediment Control / Dredging and Clear Springs Ranch, p. 13	It is acknowledged by Pueblo County and Applicant that one mitigation commitment will be a project to reduce the sediment load in lower Fountain Creek through dredging and the construction of sediment collection devices. These efforts will occur prior to the construction of the SDS Project. These sediment removal activities are of vital importance to Pueblo County because they will assist the City of Pueblo in preserving the flood protection of the Fountain Creek levees at or above the 100-year flood level. This mitigation commitment may be conducted in cooperation with a project or projects of the U.S. Army Corps of Engineers. It is acknowledged that there will have to be sampling done on the bed sediments in Fountain Creek to insure that no hazardous materials exist that would make a dredging and sediment removal project technically or financially impracticable. Applicant, as a condition of this permit, will pursue vigorously its efforts to complete this sediment removal project at the levels committed to in the final Environmental Impact Statement process. In the event that sediment removal is not practicable because of the quality of the bed sediments, Applicant will commit an equal amount of money that would have been expended on this sediment removal project at the level required by the FEIS for another project designed to assist the City of Pueblo in restoring and maintaining sufficient flood protection to allow the existing levee systems to withstand a 100-year flood, subject to approval of the Bureau of Reclamation. In addition, Applicant has committed, as part of the EIS process, to construct new wetlands and redirect a portion of the channel of Fountain Creek adjacent to the wetlands area at the Clear Springs Ranch to reduce the slope and improve channel stability through this area subject to the approval of Reclamation. The redirected channel is proposed to have an increased length and sinuosity to stabilize the channel. The purpose of this mitigation activity is to reduce sediment transport down Fountain Creek into Pueblo County, improve water quality and reduce flood threat downstream. This project will be completed to the levels required by Reclamation. Applicant has submitted a letter to Reclamation, dated April 20, 2009, stating its intention and desire to achieve its obligations set forth in the Final Environmental Impact Statement, Sections 5.2.4 and 5.2.6, in the manner described in this paragraph 8. A copy of the letter has been made a part of the record.	Colorado Springs Utilities, on behalf of the SDS Participants, has coordinated extensively with Pueblo County regarding the scope of a Fountain Creek dredging project. On August 30, 2010 an agreement was reached by which the SDS Participants would provide \$2.2 million in funding to Pueblo County in lieu of conducting the Fountain Creek dredging project. The SDS Participants made this payment to Pueblo County on September 27, 2010.  Colorado Springs Utilities, on behalf of the SDS Participants procured engineering design services for the compensatory wetland mitigation project at the Clear Spring Ranch site in late 2010. The SDS Participants anticipate presenting the final design for Reclamation and USACE review and approval in mid-2011.	Programmatic Requirement	None Applicable	Programmatic Requirement None Applicable
9. Continuation of Pueblo Flow Management Program, p. 13	All SDS Participants shall cooperate in and comply with the PFMP (including Pueblo West and Security who are not signatories to the PFMP agreements at this time) and its requirements for maintaining target flows through Pueblo below Pueblo Reservoir by cessation of exchanges.	All SDS Participants are in compliance with the PFMP as of the date of this plan.	Programmatic Requirement	None Applicable	Programmatic Requirement None Applicable

ATTACHMENT A

Pueblo County 1041 Permit No. 2008-002 Compliance Documentation Matrix

Note: All sub-headers and conditions listed in columns 1 and 2 of the table below are taken verbatim from the 1041 Permit document.

1041 CONDITION		PROGRAMMATIC	WORK PACKAGE 1A: PUEBLO DAM CONNECTION		WORK PACKAGE: S2 Pipeline	
1041 Permit Section	1041 Condition	Documentation of Compliance	Documentation of Compliance	Construction Document References	Documentation of Compliance	Construction Document References
10. Implementation of Arkansas River Low Flow Program, p. 13	Colorado Springs Utilities shall promptly submit a signed Memorandum of Understanding between the Pueblo Board of Water Works and Colorado Springs Utilities which shall provide the terms and conditions under which each of the entities will contribute to and assist in the maintenance of a storage pool in Pueblo Reservoir designed to permit the release of water into the Arkansas River during times when the flow in the River could fall dangerously low, to levels at or below 50 cfs. SDS participants shall not exchange against reservoir releases made by the Board of Water Works of Pueblo or Colorado Springs Utilities for the Arkansas River Low Flow Program.	A Memorandum of Understanding (MOU) was executed between the Pueblo Board of Water Works and Colorado Springs Utilities on April 17, 2009 which provides the terms and conditions under which each of the entities will contribute to and assist in the maintenance of a storage pool in Pueblo Reservoir.	Programmatic Requirement	None Applicable	Programmatic Requirement	None Applicable
11. Construction and Use of North River Outlet Works, p. 14	Colorado Springs Utilities shall promptly submit to Pueblo County an executed Memorandum of Understanding with the Pueblo Board of Water Works designed to describe the manner in which the two entities will use the South Outlet Works & Joint Use Manifold and the North Outlet Works of Pueblo Dam for the provision of municipal water supplies. If approved by the Bureau of Reclamation, the North Outlet Works shall be constructed and used as the primary outlet works for SDS.	An Memorandum of Understanding (MOU) was executed between the Pueblo Board of Water Works and Colorado Springs Utilities on April 17, 2009, which describes the manner in which the two entities will use the South Outlet Works & Joint Use Manifold and the North Outlet Works of Pueblo Dam.	Programmatic Requirement	None Applicable	Programmatic Requirement	None Applicable
12. Safety Review of Design and Construction of Structures at Pueblo Dam, p. 14	No construction shall occur at or near Pueblo Reservoir Dam (outlet modifications and pipelines west of the Pueblo West turnout) until the Bureau of Reclamation has performed its dam safety review and has accepted the design construction plans. Prior to commencement of construction, Applicant shall provide Pueblo County with written proof of such acceptance by the Bureau of Reclamation and any other required regulatory agency.	This commitment will be addressed in the submittal of the Work Package 1A (Pueblo Dam Connection) PEP.	The Bureau of Reclamation signatures are provided on the final plans and specifications indicating their acceptance of these documents. Written proof of this acceptance was provided in a letter to the Pueblo County Director of Planning and Development on October 26, 2010.	None Applicable	This requirement is not applicable to this work package.	None Applicable
13. County Road Improvements and Restoration, p. 14	The Applicant shall obtain and comply with Excavation Permits from the Pueblo County Public Works Department ("Department") for each road crossing within the County, and Access Permits from the Department for each access point onto a County road. The Applicant shall submit a Traffic Control Plan to the Department for review and approval. The Applicant shall submit a Staging Area Plan to the Department for review and approval to define construction work times, material delivery hours, noise suppression, dust abatement, construction methods, and other mitigation of construction nuisances. The Applicant shall provide a Haul Route Plan to the Department for review and approval; the Haul Route Plan shall identify the roads utilized for construction vehicle traffic, maintenance of those roads at Applicant's expense during the project, and rehabilitation of those roads to current Pueblo County Roadway Design and Construction Standards at Applicant's expense. Within thirty (30) days of the Applicant issuing a notice to proceed to its contractors to perform pipeline installation activities that require use of roads in the Haul Route Plan, the Applicant shall establish a cash payment, escrow, or other financial instrument such as a performance bond, acceptable to the County, in an amount estimated by the Department to cover the total costs for rehabilitation of the roads to County Standards (currently estimated at approximately \$6.1 million), plus estimated increases in costs over time as represented by the Construction Cost Index. The Applicant shall coordinate, design, and construct the SDS pipeline facilities so as to anticipate and accommodate future roadways and utilities across the SDS easement so as not to unreasonably preclude them or increase their costs. See <i>Mitigation Appendix, CR-1 through CR-11 with Exhibits 1-5</i> .	See the Mitigation Appendices CR-1 through CR-11 responses provided below.	See the Mitigation Appendices CR-1 through CR-11 responses provided below.	See Mitigation Appendices CR-1 through CR-11 references below	See the Mitigation Appendices CR-1 through CR-11 responses provided below.	See Mitigation Appendices CR-1 through CR-11 references below
14. Cultural and Archaeological Resource Protections, p. 15	Applicant shall execute the Programmatic Agreement in a form substantially similar to that set forth in the FEIS with the applicable federal and State agencies and Native American Tribes. Applicant shall comply with the standards and procedures of the Programmatic Agreement to ensure the identification, avoidance, protection and disposition of cultural and archaeological resources which may be encountered during construction in Pueblo County, as required by federal and State laws and in accordance with landowner agreements. Proof of execution of the Programmatic Agreement shall be provided to Pueblo County prior to land disturbance.	The executed Programmatic Agreement between the Bureau of Reclamation (Eastern Colorado Area Office), The Advisory Council on Historic Preservation, Colorado Springs Utilities, and the Colorado State Historic Preservation Officer regarding SDS was provided to Pueblo County on May 17, 2011.	A copy of the Programmatic Agreement was provided with the SDS Project Execution Plan, dated January 31, 2011. The specifications also include cultural and archaeological resource protection requirements.	Specifications: 01 50 00, 3.04 F	A copy of the Programmatic Agreement was provided with the SDS Programmatic Project Execution Plan, dated January 31, 2011. The referenced section of the specifications also include cultural and archaeological resource protection requirements.	Specifications: 01 57 19, 3.12
15. Acquisition of Property Interests, p. 15	Applicant shall acquire necessary property interests required for each individual work package or phase of the SDS Project in Pueblo County prior to the initiation of construction of that work package. Private property owners shall be treated fairly by the Applicant and the SDS Project shall not create undue financial burdens on existing or future residents of Pueblo County. The Applicant shall commit to using the power of eminent domain only as a last resort. The Applicant shall offer to compensate landowners to have their own appraisal done if they disagree with the Applicant's appraisal. Applicant shall reimburse landowners for relocation costs, title work, and closing costs in accordance with the City of Colorado Springs Procedure Manual for the Acquisition and Disposition of Real Property Interests. No landowner should have out-of-pocket expenses from the Project. Applicant shall provide proof to the County that it has secured the necessary interests in property required to construct the Project prior to starting construction at any given location. See <i>Mitigation Appendix SE-1</i> .	The land acquisition procedure for SDS will comply with the City of Colorado Springs Procedure Manual for the Acquisition and Disposition of Real Property Interests. Colorado Springs Utilities, as Project Manager, has acquired 135 of the approximate 170 easements required for pipeline construction without using eminent domain. For the remaining easements, Colorado Springs Utilities has attempted to reach agreements with landowners in good faith and has offered to compensate landowners to have their own appraisal done. With the submittal of the work package-specific PEPs, Colorado Springs Utilities, on behalf of the SDS Participants, will demonstrate the necessary property interests have been acquired prior to starting construction.	The construction activities associated with PDC did not require the acquisition of any property, as this work will be entirely located on federal lands.	None Applicable	Colorado Springs Utilities will provide evidence to Pueblo County that the necessary property interests have been secured prior to the start of construction of this work package.	None Applicable
16. Lake Level Management at Pueblo Reservoir, p. 15	Colorado Springs Utilities commits to Pueblo County as a part of the 1041 process that it will voluntarily participate, when and if the Southeastern Colorado Water Conservancy District, the Bureau of Reclamation, and any other affected party agree to participate, in developing a reservoir management plan for Pueblo Reservoir designed to protect reservoir levels and recreational opportunities on Pueblo Reservoir to the extent feasible given the potential for future changes in hydrology and water demands by project beneficiaries.	Colorado Springs Utilities remains committed to participate in the development of a reservoir management plan for Pueblo Reservoir.	Programmatic Requirement	None Applicable	Programmatic Requirement	None Applicable
17. Payments In-Lieu of Property Tax, p. 15	Applicant shall minimize to the extent practicable the number of private properties acquired in fee to support construction and operation of SDS facilities. For those private properties purchased and owned in fee, Applicant shall make an annual payment in lieu of taxes equal to the value of the taxes assessed by the Pueblo County Assessor. Payment shall be made to the Pueblo County Treasury on or before April 30 of each calendar year. See <i>Mitigation Appendix SE-2</i> .	Colorado Springs Utilities, on behalf of the SDS Participants, will coordinate with the Pueblo County Assessor to ensure that a payment in lieu of property tax is made on or before April 30 of each calendar year for the properties acquired in fee for SDS.	As described in the response to Item 15 above, no private property was acquired for PDC.	None Applicable	Colorado Springs Utilities, the Project Manager for the SDS, will coordinate with the Pueblo County Assessor to ensure that a payment in lieu of property tax is made on or before April 30 of each calendar year for the properties acquired in fee for the SDS. The payment in-lieu of property tax for 2011 for the properties acquired in S2 was made on April 28, 2011.	None Applicable
18. Monitoring Program and Adaptive Management for Fountain Creek and the Arkansas River, p. 16	Applicant shall implement a monitoring program to provide information on the current water quality and geomorphology (including erosion, sediment loading, and channel stability conditions) in Fountain Creek and the Arkansas River, and to track changes over time. The monitoring will assist in the selection of mitigation measures and in the assessment of the effectiveness of SDS mitigation measures on Fountain Creek and the Arkansas River. To collect data that supports the evaluations related to impacts on water quality and geomorphology, Applicant shall implement monitoring activities at defined monitoring locations in the Fountain Creek Basin and the Arkansas River. See <i>Mitigation Appendix E-1</i> . Pursuant to the Environmental Impact Statement process, Applicant has committed to engage in adaptive management, which contemplates that Applicant will undertake modified or different mitigation activities for impacts that have been identified in the EIS. If additional mitigation activities are required in order for Applicant to comply with the requirements of the ROD, any costs associated with that additional mitigation activity shall be the sole responsibility of Applicant. To the extent that monitoring and the adaptive management program causes Pueblo County to request or require that additional mitigation activities occur over and above those required by the Bureau of Reclamation, Applicant's obligation to conduct those mitigation activities shall be the responsibility of the Fountain Creek District (or FCRF, if the District is not formed) and not directly the responsibility of Applicant. Pueblo County shall be a stakeholder in the Adaptive Management Program, for purposes of this paragraph.	See Mitigation Appendix E-1 documentation below.  The Monitoring Plan and Integrated Adaptive Management Plan were submitted to the Bureau of Reclamation on March 18, 2011 and accepted by the Bureau on March 24, 2011. The Geomorphic Mitigation Plan was submitted to the Bureau of Reclamation on March 15, 2011 and approved April 26, 2011.  Colorado Springs Utilities entered into a Joint Use Agreement with the USGS regarding implementation of the Monitoring Plan.	Programmatic Requirement	None Applicable	Programmatic Requirement	None Applicable

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Pueblo County 1041 Permit No. 2008-002 Compliance Documentation Matrix

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1041 CONDITION		PROGRAMMATIC	WORK PACKAGE 1A: PUEBLO DAM CONNECTION		WORK PACKAGE: S2 Pipeline	
1041 Permit Section	1041 Condition	Documentation of Compliance	Documentation of Compliance	Construction Document References	Documentation of Compliance	Construction Document References
19. Colorado Springs Utilities - Wastewater Collection System Management Practices to Protect Water Quality, p. 16	Colorado Springs Utilities has committed as a condition of this Permit to continue to implement and maintain wastewater collection system improvements within the Fountain Creek drainage to prevent and minimize the impact of its wastewater system overflows or spills through prevention programs and response activities. Since 2000, it has spent \$114 million for these programs. See <i>Mitigation Appendix E-2</i> .	See Mitigation Appendix E-2 documentation provided below.	Programmatic Requirement	None Applicable	Programmatic Requirement	None Applicable
20. Construction Impact Mitigation, p. 16	Applicant shall mitigate the impacts of project construction, as set forth in the Mitigation Appendix C-1 through C-22, to include the following: <ul style="list-style-type: none"> <li>• Proof of required permits and compliance</li> <li>• Pre-existing condition assessment of affected properties</li> <li>• Public information measures and responses to public complaints</li> <li>• Pre-mobilization readiness</li> <li>• Sustainable design and construction</li> <li>• Protection of open excavations and trenches</li> <li>• Construction site maintenance</li> <li>• Provisions for access to properties</li> <li>• Limits on work hours</li> <li>• Dewatering control</li> <li>• Lighting control</li> <li>• Dust control</li> <li>• Noise control</li> <li>• Drainage and erosion control</li> <li>• Traffic control</li> <li>• Weed control</li> <li>• Protection of plants and wildlife/vegetation surveys</li> <li>• Hazardous waste management</li> <li>• Management of surface and ground water flows</li> <li>• Protection of livestock</li> <li>• Site restoration</li> </ul> Applicant shall assign a point of contact for responding to public questions, comments, and concerns during construction in Pueblo County and one-year following final construction in Pueblo County. Applicant shall also develop notices to affected residents and a website for information on construction scheduling.	See Mitigation Appendices C-1 through C-22 documentation provided below.	See Mitigation Appendices C-1 through C-22 documentation provided below.	None Applicable	See Mitigation Appendices C-1 through C-22 documentation provided below.	None Applicable
21. Juniper Pump Station Architectural Review, p. 17	Applicant shall allow Pueblo County to appoint a representative who will participate in the final selection of the architecture and landscaping for the Juniper Pump Station, along with representatives of Colorado State Parks and the Bureau of Reclamation.	Colorado Springs Utilities, on behalf of the SDS Participants, attended a Pueblo County Board of County Commissioners work session regarding the proposed architecture for the Juniper Pump Station on November 10, 2010. On November 16, 2010, the Pueblo County Board of County Commissioners passed and adopted Pueblo County Resolution No. 10-299 appointing Pueblo County's Planning Director, Kim Headley, to be Pueblo County's representative to participate in the final selection of architecture and landscaping for the Juniper Pump Station and approving the initial stage design presented consisting principally of the exterior treatments and architecture of the proposed pump station, including the colors and building materials.	Programmatic Requirement	None Applicable	Not applicable to this work package.	None Applicable
22. Reclamation of Disturbed Lands, p. 17	Applicant shall conduct a preconstruction evaluation of existing vegetation to be disturbed during construction of the SDS Project within Pueblo County. Upon reclamation of the site, the vegetation cover shall be of the same seasonal variety native to the area of the disturbed land, or a reasonable substitute pursuant to agreement with the landowner. The revegetated area will be considered acceptable if its cover will be not less than 90 percent of the pre-construction vegetation cover with similar species diversity. Applicant shall provide to Pueblo County a security bond equal to \$2,000/acre of land in permanent or temporary construction easement in each work package. The security bond shall be released upon establishing 90 percent of pre-construction vegetation cover on the impacted land segment. See <i>Mitigation Appendix C-9</i> .	See the Mitigation Appendix C-9 response documentation provided below.	See the Mitigation Appendix C-9 response documentation provided below.	See Mitigation Appendix C-9 references below	See the Mitigation Appendix C-9 response documentation provided below.	See Mitigation Appendix C-9 references below
23. Stormwater Management, p. 17	The Applicant shall maintain stormwater controls and other regulations intended to ensure that Fountain Creek peak flows resulting from new development served by the SDS project within the Fountain Creek basin are no greater than existing conditions. This requirement can only apply to Project Participants who have the legal authority to regulate in this manner. Regulations shall comprehensively address peak flow conditions, runoff volumes, and flood hazards, incorporating at a minimum all relevant components of existing regulations of Colorado Springs and the other Project Participants including: regional drainage planning for low-flow and major storm events; detention; erosion and sediment control for land disturbance, construction, and similar activities; structural measures such as channel protection and engineered outfalls; prohibition of activities that infringe on the designated floodway; water quality controls, including water quality capture volume and a determination of the need for permanent BMPs; and adequate provision for maintenance of all drainage-related facilities so required. This condition shall not prevent Colorado Springs and other local jurisdictions subject to this condition from revising and improving stormwater regulations from time to time, to incorporate new technologies, management techniques, or otherwise modify regulations consistent with the intent of not exceeding historical peak flows. See <i>Mitigation Appendix E-2</i> .	See Mitigation Appendix E-2 documentation provided below.	Programmatic Requirement	None Applicable	Programmatic Requirement	None Applicable
24. Conservation and Reuse, p. 18	In recent years, Applicant has demonstrated a commitment to water conservation programs and local reuse. Continued commitment and local reuse will reduce the Applicant's diversions from the Arkansas River and Pueblo Reservoir and reduce flows on Fountain Creek, below what they would have been without such conservation and reuse, thereby reducing the impacts of the SDS Project in Pueblo County. Applicant has specifically committed itself to continue such conservation and reuse despite the availability of additional water from the SDS Project.	Colorado Springs Utilities, on behalf of the SDS Participants, remains committed to incorporating conservation and local reuse as important aspects of their water management plan.	Programmatic Requirement	None Applicable	Programmatic Requirement	None Applicable
25. Compliance Monitoring and Reporting, p. 18	Applicant shall monitor and periodically report to Pueblo County on its compliance with this Permit. During project construction in Pueblo County, Applicant will submit a quarterly report to Pueblo County summarizing the activities during that period, forecasting activities scheduled for the upcoming period, and addressing compliance with the terms and conditions of the Permit. After commencing deliveries of water through the SDS pipeline, Applicant shall submit annual reports to Pueblo County summarizing its activities related to the SDS Project, the Permit, and addressing compliance with the terms and conditions of the Permit. Pueblo County may, at its discretion, hold public reviews of the reports and Permit compliance, including hearings in accordance with its regulations. See <i>Mitigation Appendix ENF-1</i> .	See Mitigation Appendix ENF-1 documentation provided below.  The 2010 Annual Report and 4th Quarter 2010 Quarterly Report were submitted to Pueblo County in January 2011. The 1st Quarter 2011 Quarterly Report was submitted in April 2011.	See Mitigation Appendix ENF-1 documentation provided below.	See Mitigation Appendix ENF-1 references below	Programmatic Requirement	None Applicable

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26. Non compliance, p. 18	Substantial noncompliance with the terms and conditions set forth herein shall be subject to the provisions governing revocation or suspension of a permit set forth in Section 17.148.320(A) of the <u>Pueblo County Code</u> . The final resolution of issues related to noncompliance (except for the failure to pay the monetary mitigation payments as set forth in Paragraph 6 herein) and any further act of revocation or suspension of the Permit will be accomplished through the dispute resolution process described below.	Colorado Springs Utilities, on behalf of the SDS Participants, is committed to complying with the terms and conditions set forth within the 1041 permit.	Programmatic Requirement	None Applicable	Programmatic Requirement	None Applicable
27. Approval by Colorado Springs, p. 18	The Colorado Springs City Council must take formal action to recognize the commitments herein prior to Pueblo County's final issuance of a 1041 permit for SDS.	At the April 14, 2009 Colorado Springs City Council Meeting, the Council adopted Resolution No. 94-09: "A resolution concerning the terms and conditions of the Pueblo County 1041 Permit for the Southern Delivery System", which recognized the terms and conditions of the 1041 Permit for SDS and approved each condition from 1 to 30.	Programmatic Requirement	None Applicable	Programmatic Requirement	None Applicable
28. Mitigation Appendix, p. 18	The provisions of that certain Mitigation Appendix previously referenced herein and attached hereto is hereby incorporated by this reference as though fully set forth. In the event of a conflict between the provisions of the Mitigation Appendix and the terms and conditions set forth in this Resolution, then the terms and conditions set forth in this Resolution shall prevail.	Descriptions of how Colorado Springs Utilities, on behalf of the SDS Participants, will abide by the provisions of the Mitigation Appendices is described in the following sections.	Noted – descriptions of how the SDS Participants will abide by the provisions of the Mitigation Appendices is described in the following sections.	None Applicable	Noted – descriptions of how the SDS Participants will abide by the provisions of the Mitigation Appendices are described in the following sections.	None Applicable
29. Dispute Resolution, p. 19	If a dispute between the Applicant and the County arises relating to any term or condition contained in this Permit (except for the failure to pay the monetary mitigation payments as set forth in Paragraph 6), the following procedure shall be followed: A. A joint management team, comprised of three (3) representatives of each Party shall first consider any of the circumstances and contentions related to any disputed matter. If the County Manager for Pueblo County [or another representative of the County as designated by the Board of Commissioners](County Manager) determines that Pueblo County requires technical assistance to assess a disputed matter, Applicant will pay the costs, not to exceed a total of \$150,000 for all disputes related to the Permit, of hiring a technical consultant for that purpose. B. If not resolved by agreement of the members of the joint management team, the disputed matter shall be referred by either Party to the Administrative Officers of the Parties defined below. The Administrative Officers shall hold a meeting promptly, but in no event later than fifteen (15) working days from the referral of the dispute, also attended by other staff members with direct responsibility regarding the dispute, to attempt in good faith to negotiate a resolution or cure of the dispute; provided, however, that no such meeting shall be deemed to be vitiate or reduce the obligations and liabilities of the Parties or be deemed a waiver by a Party hereto of any remedies to which such Party would otherwise be entitled unless otherwise agreed to by the Parties in writing. For purposes of this dispute resolution provision, "Administrative Officers" means the Chief Water Services Officer for Colorado Springs Utilities and the county Manager [or another representative of the County as designated by the Board of Commissioners]. C. If, within fifteen (15) working days after such meeting, the Parties have not succeeded in negotiating a resolution of the dispute, they agree to submit the dispute to non-binding mediation with Applicant to bear the costs of the mediation. D. The Parties agree to participate in good faith in the mediation and related negotiations for a period of 30 calendar days. The substantive and procedural law of the State of Colorado shall apply to the proceedings. If the Parties are not successful in resolving the dispute through mediation, then the Parties shall be free to pursue any other legal remedy including the remedies contained in any conditions or commitments appended to or made a part of the Permit. The Parties agree to reasonably expedite any legal proceedings brought hereunder in order to obtain a prompt resolution. The venue for these legal proceedings shall be the District Court of Pueblo County.	Noted	Programmatic Requirement	None Applicable	Programmatic Requirement	None Applicable
30. Integrated Terms and Conditions, p. 20	In issuing this Permit, the Board of County Commissioners has determined that the benefits accruing to the County and its citizens from the SDS Project (subject to the terms and conditions set forth herein) outweigh the unavoidable impacts and losses of resources within the County. Consequently, if any term or condition herein is deemed invalid and unenforceable, this Permit shall be rescinded or suspended unless the Board of County Commissioners, in its discretion, approves a Permit amendment.	Noted	Programmatic Requirement	None Applicable	Programmatic Requirement	None Applicable
<b>ENVIRONMENTAL CONDITIONS/MITIGATION: Water Quality and Sediment Monitoring Program. (Appendix E-1 of the Resolution)</b>						
Mitigation Appendix E-1, p. 2 of 28	Applicant shall implement a monitoring program to provide information on water quality and sediment conditions in Fountain Creek and Arkansas River, and track changes over time. (See the full-text of the Mitigation Appendix for complete details, commitments of record from the "Project Detail" section are summarized below.)	The SDS Participants have completed the Integrated Adaptive Management Plan, and it was submitted to Reclamation on March 18, 2011 and accepted on March 24, 2011. As stated in the IAMP, "The monitoring program commitments in this IAMP are designed to be...inclusive of the monitoring commitments described in the conditions of the Pueblo County 1041 Permit." The complete Terms and Conditions of the Pueblo County 1041 Permit are included as Appendix 1 of the IAMP.  The Monitoring Plan was submitted to the Bureau of Reclamation on March 18, 2011 and accepted by the Bureau on March 24, 2011.  Colorado Springs Utilities entered into a Joint Use Agreement with the USGS regarding implementation of the Monitoring Plan.	Programmatic Requirement	None Applicable	Programmatic Requirement	None Applicable
Mitigation Appendix E-1, Project Detail, Water Quality Monitoring, ¶1, p. 2 of 28	Colorado Springs Utilities will monitor specific water quality constituents to include dissolved selenium, E. coli, ammonia, and salinity as measured by specific conductance. To monitor water quality, samples will be taken from each of the 13 monitoring locations, shown in Figures 1 through 3 within the Fountain Creek Basin and along the Arkansas River monthly, starting at the beginning of project construction, until the SDS project begins operation and then quarterly once the project is online. Pre-operation monitoring shall consist of no less than 2 years of monthly-collected data before or during construction of the project. At least two samples will be taken at each monitoring site following standard procedure according to the National Field Manual for the Collection of Water-Quality Data (Field Manual). One sample from each monitoring location will be filtered for inorganic solid constituents in the field according to section 5.2 of the Field Manual to get an accurate reading of dissolved selenium. The other sample from each monitoring location will be analyzed for E. coli, ammonia and salinity. All samples will be managed in accordance with the Field Manual or approved EPA criteria for sample collection and management and analyzed by a State-certified laboratory capable of detecting each constituent below the Maximum Contaminant Level (MCL) or other applicable compliance criterion. Samples will be analyzed in accordance with standard ASTM or EPA-approved methods.	The Monitoring Plan was submitted to the Bureau of Reclamation on March 18, 2011 and accepted by the Bureau on March 24, 2011.  Colorado Springs Utilities entered into a Joint Use Agreement with the USGS regarding implementation of the Monitoring Plan.	Programmatic Requirement	None Applicable	Programmatic Requirement	None Applicable
Mitigation Appendix E-1, Project Detail, Water Quality Monitoring, ¶2, p. 2 of 28	In addition to the water quality constituents referenced above, Springs Utilities will monitor both the inlet and outlet to Lower Williams Creek Reservoir for methyl mercury on a quarterly basis following the start of reservoir operations for a period of one year, then annually for four years thereafter. Samples will be collected and analyzed following standards procedures according to the Field Manual and EPA Method 1630.	The Monitoring Plan was submitted to the Bureau of Reclamation on March 18, 2011 and accepted by the Bureau on March 24, 2011.  Colorado Springs Utilities entered into a Joint Use Agreement with the USGS regarding implementation of the Monitoring Plan.	Programmatic Requirement	None Applicable	Programmatic Requirement	None Applicable

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Mitigation Appendix E-1, Project Detail, Water Quality Monitoring, ¶3, p. 2 of 28	Springs Utilities will use effluent monitoring from its wastewater treatment plants to demonstrate the plants are operating in accordance with all required specifications and standards. In addition, Springs Utilities will conduct additional monitoring in accordance with monitoring requirements adopted and participated in by all other regional wastewater treatment agencies (i.e., those in the Fountain Creek basin, Pueblo and Pueblo West wastewater treatment plants) including monitoring programs associated with emerging contaminants or other contaminant analyses. CSU will take into consideration and maintain records of other reliable information presented to it by outside sources.	Colorado Springs Utilities currently monitors wastewater treatment plant effluent in accordance with existing permit conditions and will adopt additional monitoring if regional wastewater monitoring programs are implemented.	Programmatic Requirement	None Applicable	Programmatic Requirement	None Applicable
Mitigation Appendix E-1, Project Detail, Geomorphic Monitoring, ¶1, p. 5 of 28	In addition to water quality monitoring, geomorphic monitoring is also required. Ten cross-sections will be established at designated points along Fountain Creek to monitor for degradation, aggradation, and other changes to the geomorphologic surface. Each cross-section will be surveyed once per year during low stream flow; preferably in the winter when leaves and other organic material on the ground is at a minimum. Cross-sections will be accurate to standards for normal transect surveys, with a vertical tolerance of approximately 0.01 foot in measurements of channel elevation.	A Geomorphic Mitigation Plan has been submitted to Reclamation for acceptance that includes conditions that meet this 1041 permit requirement.	Programmatic Requirement	None Applicable	Programmatic Requirement	None Applicable
Mitigation Appendix, Project Detail, Geomorphic Monitoring, ¶2, p. 5 of 28	Data gathered by the water quality and geomorphic monitoring programs will be assembled and entered into an electronic database accessible to Pueblo County upon request. Monthly data gathered before SDS comes online will be used as a baseline to compare against once flows from SDS start entering Fountain Creek in 2012. Data will be categorized by type, date, and location. These data, along with other data collected through independent sampling and monitoring efforts will be the basis for making decisions as part of the adaptive management strategy.	A Monitoring Plan and Geomorphic Mitigation Plan have been submitted to Reclamation for acceptance that include conditions that meet these 1041 permit requirements.	Programmatic Requirement	None Applicable	Programmatic Requirement	None Applicable
<b>ENVIRONMENTAL CONDITIONS/MITIGATION: Drainage Regulations (Appendix E-2 of the Resolution)</b>						
Mitigation Appendix E-2, p. 6 of 28	At all times water is delivered through the Southern Delivery System, the Applicant, including all Participants, shall maintain stormwater controls and other regulations intended to ensure that Fountain Creek peak flows and runoff volumes received from development served by the SDS project are no greater than existing conditions, or at levels as appropriate to prevent damage to presently existing downstream facilities. Regulations shall address peak flow and runoff volume, conditions and flood hazards, incorporating at a minimum all relevant components of existing Colorado Springs regulations, including: regional drainage planning for low-flow and major storm events; detention; erosion and sediment control for land disturbance, construction, and similar activities; structural measures such as channel protection and engineered outfalls; prohibition of activities that infringe on the designated floodway; water quality controls, including water quality capture volume and a determination of the need for permanent best management practices (BMPs); and adequate provision for maintenance of all drainage-related facilities so required. This condition shall not prevent Colorado Springs and other local jurisdictions subject to this condition from revising and improving stormwater regulations from time to time, to incorporate new technologies, management techniques, or otherwise modify regulations consistent with the intent of preventing the exceedance of historical peak flows.	Stormwater management and control in Colorado Springs is in accordance with the City of Colorado Springs/EI Paso County Drainage Criteria Manual Volumes I and II. These manuals can be found on the Colorado Springs city government website at the following location:  <a href="http://www.springsgov.com/Page.aspx?NavID=568">http://www.springsgov.com/Page.aspx?NavID=568</a>  The City of Colorado Springs' Stormwater Management Assessment and Standards Development Project is undertaking a comprehensive assessment of its policies, regulations, and standards. Part of this effort is to produce new drainage manuals and includes review of guidance documents and revisions as necessary.	Programmatic Requirement	None Applicable	Programmatic Requirement	None Applicable
<b>CONSTRUCTION CONDITIONS/MITIGATION: Protection of Open Excavations and Trenches. (Appendix C-1 of the Resolution)</b>						
Mitigation Appendix C-1, p. 6 of 28	Applicant shall provide safe work sites for the residents of Pueblo County.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 8 provided below	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 8 provided below
Mitigation Appendix C-1, Project Detail, Item 1, p. 6 of 28	Comply with applicable Codes, Standards, Laws and Regulations relating to the safety of persons or property or to the protection of persons or property from damage, injury, or loss; and shall erect and maintain safeguards for such safety and protection.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the construction contract.	Construction Contract: General Conditions, Article 6	This requirement is included in the referenced sections of the construction contract and specifications.	Construction Contract: General Conditions, Section 6.12 Specifications: 01 35 29, 3.01.E
Mitigation Appendix C-1, Project Detail, Item 2, p. 6 of 28	Provide and maintain temporary security fences to protect the Work Sites. Temporary security fencing is described in more detail in Construction Conditions C-3.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 B	This requirement is included in the referenced section of the specifications.	Specifications: 32 31 13, 2.09
Mitigation Appendix C-1, Project Detail, Item 3, p. 6 of 28	Inspect open excavations and trenches for compliance with safety plans and document in daily inspection reports.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 A	This requirement is included in the referenced section of the specifications.	Specifications: 01 14 19, 3.02.L
Mitigation Appendix C-1, Project Detail, Item 4, p. 6 of 28	Limit the maximum length of open trench to 400 linear feet.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 A	This requirement is included in the referenced section of the specifications.	Specifications: 31 23 16.13, 3.04.B
Mitigation Appendix C-1, Project Detail, Item 5, p. 7 of 28	Shore or bench excavations as required by OSHA regulations.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 A	This requirement is included in the referenced section of the specifications.	Specifications: 01 14 19, 3.02.K
Mitigation Appendix C-1, Project Detail, Item 6, p. 7 of 28	Protect streets, roads, highways, and other public thoroughfares that are closed to traffic by barricades with warning signs per Manual of Uniform Traffic Control Devices (MUTCD).	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 C	This requirement is included in the referenced section of the specifications.	Specifications: 01 55 26, 3.13.A
Mitigation Appendix C-1, Project Detail, Item 7, p. 7 of 28	Provide signage and lighting to alert general public of construction hazards, which could include surface irregularities, unramped walkways, grade changes, and trenches or excavations in roadways and in other public access areas.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 C	This requirement is included in the referenced section of the specifications.	Specifications: 01 55 26, 3.14.C
Mitigation Appendix C-1, Project Detail, Item 8, p. 7 of 28	Designate a qualified and experienced safety representative at the Work Site whose duties and responsibilities shall be the maintaining, supervising and enforcement of safety plans and programs.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the construction contract.	Construction Contract: General Conditions, Article 6	This requirement is included in the referenced sections of the construction contract and specifications.	Construction Contract: General Conditions, Section 6.13 Specifications: 01 35 29, 3.01.C

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<b>CONSTRUCTION CONDITIONS/MITIGATION: Lighting (Appendix C-2 of the Resolution)</b>						
Mitigation Appendix C-2, p. 7 of 28	Applicant shall minimize adverse light impacts to Pueblo County residents during night time hours.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 5 provided below	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 5 provided below
Mitigation Appendix C-2, Project Detail, Item 1, p. 7 of 28	Comply with applicable Codes, Standards, Laws and Regulations relating to providing lighting for the safety of persons or property, or to the protection of property from damage, injury, or loss.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the construction contract.	Construction Contract: General Conditions, Article 6	This requirement is included in the referenced sections of the construction contract and specifications.	Construction Contract: General Conditions, Section 6.12 Specifications: 01 35 29.A and E 01 51 00, 3.02.B
Mitigation Appendix C-2, Project Detail, Item 2, p. 7 of 28	Notify property owners within 500 feet of the site 48 hours prior to any night work, except in the case of emergency night work.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.03 B	This requirement is included in the referenced section of the specifications.	Specifications: 01 14 19, 3.02.A
Mitigation Appendix C-2, Project Detail, Item 3, p. 7 of 28	Design lighting to prevent spillover, nuisance, or hazard effects of light and glare on adjacent locations and uses of land.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.03 B	This requirement is included in the referenced section of the specifications.	Specifications: 01 51 00, 3.02.C
Mitigation Appendix C-2, Project Detail, Item 4, p. 7 of 28	Position, to the extent practical, lighting used for security around equipment storage areas away from residences and oncoming traffic. The use of cut-off type luminaires is required. Light bulbs and light sources shall be shielded so that they are not directly visible from any adjacent lot or public roadway. Spillover of lighting for adjacent properties will not exceed one half of one (0.50) foot-candle measured at any point ten feet (10') beyond a property line.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.03 B	This requirement is included in the referenced section of the specifications.	Specifications: 01 51 00, 3.02.C
Mitigation Appendix C-2, Project Detail, Item 5, p. 7 of 28	Provide individual light sources not exceeding 150,000 lumens per light source (typical of a 1250W metal halide light). Light standards will not exceed 24 feet in height. Generators used to power light sources will not exceed 70 dB at 25 feet from the source.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.03 B	This requirement is included in the referenced section of the specifications.	Specifications: 01 51 00, 3.02.F
<b>CONSTRUCTION CONDITIONS/MITIGATION: Construction Site Maintenance. (Appendix C-3 of the Resolution)</b>						
Mitigation Appendix C-3, p. 8 of 28	Applicant shall maintain construction sites and equipment in a safe and secure manner for the protection of the public.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 13 provided below	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 13 provided below
Mitigation Appendix C-3, Project Detail, Item 1, p. 8 of 28	Comply with applicable Codes, Standards, Laws and Regulations relating to the safety of persons or property, or to the protection of persons or property from damage, injury, or loss, and shall erect and maintain safeguards for such safety and protection.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the construction contract.	Construction Contract: General Conditions, Article 6	This requirement is included in the referenced sections of the construction contract and specifications.	Construction Contract: General Conditions, Section 6.12 Specifications: 01 35 29
Mitigation Appendix C-3, Project Detail, Item 2, p. 8 of 28	Protect open trenches as described in Construction Condition C-1.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	See the responses provided to Mitigation Appendix C-1, Project Detail, Items 3 through 5.	See construction document references for Mitigation Appendix C-1, Project Detail, Items 3 through 5	This requirement is included in the referenced section of the specifications. Also, see the responses provided to Mitigation Appendix C-1, Project Detail, Items 3 through 5.	Specifications: 01 14 19, 3.02.F
Mitigation Appendix C-3, Project Detail, Item 3, p. 8 of 28	Close open ends of installed pipeline during non-working periods.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 33 05 01, 3.01 A	This requirement is included in the referenced sections of the specifications.	Specifications: 33 05 01.01, 3.02.M 33 05 01.02, 3.02.M
Mitigation Appendix C-3, Project Detail, Item 4, p. 8 of 28	Close access manholes during non-working hours.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 33 05 01, 3.01 A	This requirement is included in the referenced sections of the specifications.	Specifications: 33 05 01.01, 3.02.M 33 05 01.02, 3.02.M
Mitigation Appendix C-3, Project Detail, Item 5, p. 8 of 28	Provide barricades and light as necessary to prevent unauthorized entry to construction areas and affected roads, streets, and alleyways, inside and outside of fenced area, and as required to ensure public safety and the safety of project personnel and others who may be affected by the Work.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 C	This requirement is included in the referenced section of the specifications.	Specifications: 01 55 26, 3.14
Mitigation Appendix C-3, Project Detail, Item 6, p. 8 of 28	Lock or otherwise disable construction equipment during non-working hours.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 B	This requirement is included in the referenced section of the specifications.	Specifications: 01 35 53, 3.01.D
Mitigation Appendix C-3, Project Detail, Item 7, p. 8 of 28	Store materials and equipment in secure areas and arrange partitions to provide security of contents and ready access for inspection and inventory. Combustible materials (paint, solvents, fuels) shall be stored in a well-ventilated building meeting safety standards. Hazardous materials shall be stored according to product specification, codes, and manufacturer's instructions.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.06 B	This requirement is included in the referenced section of the specifications.	Specifications: 01 66 13, 3.01.B
Mitigation Appendix C-3, Project Detail, Item 8, p. 8 of 28	Lock controlled access points (private property gates) providing entry to construction sites and maintain a secure key control to prevent unauthorized access.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 B	This requirement is included in the referenced section of the specifications.	Specifications: 01 35 53, 3.02.A
Mitigation Appendix C-3, Project Detail, Item 9, p. 8 of 28	Perform work within right-of-way and easements in a systematic manner that minimizes inconvenience to property owners and the public and interferes as little as possible with public travel, whether vehicular or pedestrian. This will include that no residence or business will be cut off from vehicular traffic for a period exceeding 4 hours unless special arrangements have been made. Whenever it is necessary to cross, close or obstruct roads, driveways, and walks, whether public or private, safe bridges, detours, or other temporary expedient access for accommodation of public and private travel will be provided and maintained.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 A 01 50 00, 3.09 D	This requirement is included in the referenced sections of the specifications.	Specifications: 01 14 19, 3.02.D 01 14 19, 3.02.E

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Pueblo County 1041 Permit No. 2008-002 Compliance Documentation Matrix

Note: All sub-headers and conditions listed in columns 1 and 2 of the table below are taken verbatim from the 1041 Permit document.

1041 CONDITION		PROGRAMMATIC	WORK PACKAGE 1A: PUEBLO DAM CONNECTION		WORK PACKAGE: S2 Pipeline	
1041 Permit Section	1041 Condition	Documentation of Compliance	Documentation of Compliance	Construction Document References	Documentation of Compliance	Construction Document References
Mitigation Appendix C-3, Project Detail, Item 10, p. 8 of 28	Sweep roadways, streets, and walkways affected by the work and adjacent to the work when necessary.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.10 D	This requirement is included in the referenced section of the specifications.	Specifications: 01 57 19, 1.03.A.3.f
Mitigation Appendix C-3, Project Detail, Item 11, p. 8 of 28	Erect temporary security fencing around active construction areas. Fences around open trenches, staging areas, material storage areas, and equipment storage areas may be standard plastic orange construction fence, 4 feet high, with posts at intervals not greater than 20 feet. Temporary 4-strand barbed wire fences shall be installed wherever necessary to prevent livestock from migrating out of their designated pasture. Temporary fences shall be maintained as needed during the construction period. Material selection for fencing between work area and adjacent property will be agreed upon between Applicant and the property owner.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 B	This requirement is included in the referenced sections of the specifications. There is no reference to temporary 4-strand barbed wire fences because there is not pasture along the alignment.	Specifications: 01 14 19, 3.02.F 32 31 13, 2.09
Mitigation Appendix C-3, Project Detail, Item 12, p. 9 of 28	Inspect site safety measures each work day and periodically during non-working days.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 B	This requirement is included in the referenced section of the specifications.	Specifications: 01 35 29, 3.01.D
Mitigation Appendix C-3, Project Detail, Item 13, p. 9 of 28	Provide 24/7 security services including mobile patrols, lighting and video surveillance.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	Colorado Springs Utilities has contracted with a private security firm to provide the required security for the PDC construction site.	None applicable as the security services are being provided under separate contract.	This requirement is included in the referenced section of the specifications.	Specifications: 01 35 53, 3.01.B
<b>CONSTRUCTION CONDITIONS/MITIGATION: Control of Access to Property. (Appendix C-4 of the Resolution)</b>						
Mitigation Appendix C-4, p. 9 of 28	Applicant shall prevent unauthorized access to properties.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 7 provided below	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 7 provided below
Mitigation Appendix C-4, Project Detail, Item 1, p. 9 of 28	Work with property owners, both public and private, to understand the conditions of ingress and egress, security issues, property control and protection issues, regarding the property, prior to mobilization to a specific work area.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 B	This requirement is included in the referenced section of the specifications.	Specifications: 01 14 13, 1.01.A
Mitigation Appendix C-4, Project Detail, Item 2, p. 9 of 28	Establish mutually agreeable conditions of access with property owner, and require all personnel accessing the site to sign a statement indicating that they understand and will abide by the conditions of access.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 B	This requirement is included in the referenced section of the specifications.	Specifications: 01 14 13, 1.01.B
Mitigation Appendix C-4, Project Detail, Item 3, p. 9 of 28	Grant access to enter the property only to those individuals that have a legitimate SDS related need to access the property, and then shall only do so under the previously agreed access conditions.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 B	This requirement is included in the referenced section of the specifications.	Specifications: 01 14 13, 1.01.D
Mitigation Appendix C-4, Project Detail, Item 4, p. 9 of 28	Provide signs at gates and access points notifying individuals that specific conditions of entry exist.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 B	This requirement is included in the referenced section of the specifications.	Specifications: 01 14 13, 1.01.C
Mitigation Appendix C-4, Project Detail, Item 5, p. 9 of 28	Close and secure gates and entry points by a locking mechanism when not in use. Conditions of entry will specify approved access times and conditions on open gates.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 B	This requirement is included in the referenced section of the specifications.	Specifications: 01 35 53, 3.02.B and C
Mitigation Appendix C-4, Project Detail, Item 6, p. 9 of 28	Strictly control access to keys to entry point locks. Recipients of keys will be required to sign when receiving the key, and again when returning the key. Recipients will be required to advise the Site Health & Safety Officer when they have lost or misplaced a key. Keys will be required to be of a non-duplicating type. Locks and keys will be changed when a key is reported lost or misplaced.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 B	This requirement is included in the referenced section of the specifications.	Specifications: 01 35 53, 3.03
Mitigation Appendix C-4, Project Detail, Item 7, p. 9 of 28	Designate the Site Health and Safety Officer to monitor the access control system.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.  Colorado Springs Utilities has contracted with a private security firm to provide the required security for the PDC construction site. The access control system will be monitored under this security contract.	Specifications: 01 50 00, 3.04 B (Site Health and Safety Officer requirement)  None applicable for the monitoring of the access control system as the security services will be provided under separate contract.	This requirement is included in the referenced section of the specifications.	Specifications: 01 35 53, 3.01.E
<b>CONSTRUCTION CONDITIONS/MITIGATION: Pre-existing Condition Assessment (Appendix C-5 of the Resolution)</b>						
Mitigation Appendix C-5, p. 9 of 28	Applicant shall determine the condition of Pueblo County residents' existing property so that it can be restored to preconstruction condition or better.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 4 provided below	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 4 provided below
Mitigation Appendix C-5, Project Detail, Item 1, p. 9 of 28	Perform an examination of pre-construction existing conditions of land surface, drainage, vegetation and structures adjacent to the construction site that could be damaged or altered by construction operations. The property owner will be invited to attend.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 31 13, 1.11 A	This requirement is included in the referenced section of the specifications.	Specifications: 01 14 19, 3.01.A.1
Mitigation Appendix C-5, Project Detail, Item 2, p. 9 of 28	Perform periodic reexaminations, if required, to document any changes, including, but not limited to, cracks in structures, settlement, leakage, and similar conditions. Examinations may include photography, sampling and expert assessments of existing or current conditions.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 31 13, 1.11 A	This requirement is included in the referenced section of the specifications.	Specifications: 01 14 19, 3.01.A.2

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Pueblo County 1041 Permit No. 2008-002 Compliance Documentation Matrix

Note: All sub-headers and conditions listed in columns 1 and 2 of the table below are taken verbatim from the 1041 Permit document.

1041 CONDITION		PROGRAMMATIC	WORK PACKAGE 1A: PUEBLO DAM CONNECTION		WORK PACKAGE: S2 Pipeline	
1041 Permit Section	1041 Condition	Documentation of Compliance	Documentation of Compliance	Construction Document References	Documentation of Compliance	Construction Document References
Mitigation Appendix C-5, Project Detail, Item 3, p. 10 of 28	Document examinations in writing, and by photographs and audio-video recordings. Photography shall be by a professional commercial photographer, experienced in shooting interior/exterior construction photos, in daylight and nighttime conditions, and in good and inclement weather.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 31 13, 1.11 to 1.13	This requirement is included in the referenced sections of the specifications.	Specifications: 01 14 19, 3.01.B.1 01 32 34, 3.01.B.1 and 3.01.D
Mitigation Appendix C-5, Project Detail, Item 4, p. 10 of 28	Provide a copy of documentation to property owner for review and acceptance. A copy of the documentation shall be provided to the County. Applicant and the County shall each maintain a copy of the documentation. Such documentation shall be used as indisputable evidence in ascertaining whether and to what extent damage occurred as a result of Applicant's operations.	For the list of work packages provided in Section II, this condition will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents. Colorado Springs Utilities, on behalf of the SDS Participants, will provide pre-existing condition assessment documentation to Pueblo County for those properties located in unincorporated Pueblo County.	This requirement is included in the referenced section of the specifications. Surveys were conducted on April 13, 14, and 29. The submittal to the Bureau of Reclamation and to the State of Colorado documenting the surveys contained "For Official Use Only" information and is, therefore, considered confidential. Copies of these surveys have not been provided to Pueblo County because Pueblo County has not signed a confidentiality agreement, based upon the advice of their legal counsel.	Specifications: 01 31 13, 1.11 B	This requirement is included in the referenced section of the specifications. Once the pre-existing condition assessment has been documented, a copy of this documentation will be provided to Pueblo County in accordance with this commitment.	Specifications: 01 14 19, 1.02.A
<b>CONSTRUCTION CONDITIONS/MITIGATION: Work Hours (Mitigation Appendix C-6 of the Resolution)</b>						
Mitigation Appendix C-6, p. 10 of 28	Applicant shall limit work hours to minimize disturbance to Pueblo County residents.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	See the response provided to the specific item that follows immediately below.	See construction document references for Project Detail, Item 1 provided below	See the response provided to the specific item that follows immediately below.	See construction document references for Project Detail, Item 1 provided below
Mitigation Appendix C-6, Project Detail, Item 1, p. 10 of 28	Perform work within the hours of 7:00 am to 6:00 pm Monday through Friday. Work outside of these hours will be restricted to maintenance of traffic, safety, and construction controls, maintenance of construction equipment, and approved exceptions. Pueblo County and residences within 500 feet of the affected portion of the work site shall be notified 48 hours in advance of work outside of these hours, other than maintenance or emergency work.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 A	This requirement is included in the referenced section of the specifications.	Specifications: 01 14 19, 3.02.A 01 57 19, 3.11.E
<b>CONSTRUCTION CONDITIONS/MITIGATION: Permitting (Mitigation Appendix C-7 of the Resolution)</b>						
Mitigation Appendix C-7, p. 10 of 28	Applicant shall obtain all applicable permits.	See the response provided to the specific items that follow immediately below.	See the response provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 and 2 provided below	See the response provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 and 2 provided below
Mitigation Appendix C-7, Project Detail, Item 1, p. 10 of 28	Obtain permits and comply with permit conditions and applicable regulations. Permits may include those listed below and in Section C, Table C-1 of the 1041 Application, as well as other permits that may be required under Federal, State, County or local regulatory jurisdiction.	The SDS Participants are taking numerous measures to track regulatory requirements and permits to facilitate compliance as documented in Section IV of this PEP.	The contract agreement includes requirements for the Contractor to conduct their operations in compliance with applicable permits as well as regulatory requirements.	Construction Contract: General Conditions, Article 6	The referenced sections of the construction contract and specifications includes requirements for the Contractor to conduct their operations in compliance with applicable permits as well as regulatory requirements.	Construction Contract: General Conditions, Section 6.08
Mitigation Appendix C-7, Project Detail, Item 2, p. 11 of 28	Provide copies to Pueblo County within 60 days of obtaining permits.	Colorado Springs Utilities, on behalf of the SDS Participants, is providing copies of permits to Pueblo County within 60 days of receipt.	Pueblo County Planning Department has received all acquired permits within 60 days as required.		No permits have been acquired for this work package with exception of the floodplain permits, which were issued by the Pueblo County Planning Department.	Specifications: 01 41 26, 1.01.B 01 41 26, 1.01.C 01 41 26, 1.04.B
<b>CONSTRUCTION CONDITIONS/MITIGATION: Dewatering (Mitigation Appendix C-8 of the Resolution)</b>						
Mitigation Appendix C-8, p. 11 of 28	Applicant shall minimize dewatering impacts on Pueblo County properties and watercourses.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 7 provided below	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 7 provided below
Mitigation Appendix C-8, Project Detail, Item 1, p. 11 of 28	Obtain a construction dewatering permit from the Colorado Department of Public Health and the Environment (CDPHE).	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications. A copy of this permit was sent to the Pueblo County Planning Department on October 26, 2010.	Specifications: 01 50 00, 1.02 A 31 23 19.01, 3.04 A	This requirement is included in the referenced sections of the specifications.	Specifications: 01 41 26, 1.02.D 01 57 19, 3.07 31 23 19.01, 1.01.A.2
Mitigation Appendix C-8, Project Detail, Item 2, p. 11 of 28	Create and implement a water control plan that includes descriptions of proposed ground and surface water control facilities including, but not limited to: equipment, methods, standby equipment and power supply, pollution control facilities, discharge locations, and provisions for temporary water supply; drawings showing locations, dimensions, and relationships of elements of each system; design calculations demonstrating accuracy of proposed dewatering system and components. Copies of plan will be provided to Pueblo County within 60 days of approval by CDPHE.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 31 23 19, 1.01 B	This requirement to prepare and submit a Water Control Plan is included in the referenced sections of the specification. The Construction Manager will coordinate with Colorado Springs Utilities to ensure that the Water Control Plan is submitted to Pueblo County within 60 days of receipt of CDPHE approval.	Specifications: 31 23 19.01, 1.01.A 31 23 19.01, 1.02
Mitigation Appendix C-8, Project Detail, Item 3, p. 12 of 28	Control water during the course of construction, including weekends and holidays and during periods of work stoppages. Adequate backup systems shall be in place to maintain control of water.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 31 23 19, 3.02 A	This requirement is included in the referenced section of the specifications.	Specifications: 31 23 19.01, 3.01.B
Mitigation Appendix C-8, Project Detail, Item 4, p. 12 of 28	Remove surface water controls when they are no longer needed.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 31 23 19, 3.02 B	This requirement is included in the referenced section of the specifications.	Specifications: 31 23 19.01, 3.02.B
Mitigation Appendix C-8, Project Detail, Item 5, p. 12 of 28	Furnish, operate and maintain dewatering systems of sufficient size and capacity to continuously maintain excavations free of water, regardless of source, until backfilled to final grade.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 31 23 19, 3.03 A	This requirement is included in the referenced section of the specifications.	Specifications: 31 23 19.01, 3.03.A
Mitigation Appendix C-8, Project Detail, Item 6, p. 12 of 28	Design and operate dewatering systems to prevent the loss of soil as water is removed, to avoid inducing settlement or damage to existing facilities, completed work, or adjacent property, and to relieve artesian pressures and resultant uplift of excavation bottom.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 31 23 19, 3.03 B	This requirement is included in the referenced section of the specifications.	Specifications: 31 23 19.01, 3.03.C
Mitigation Appendix C-8, Project Detail, Item 7, p. 12 of 28	Be responsible to obtain and comply with the requirements set forth in any applicable well permits required by the State.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 31 23 19, 3.02 C	This requirement is included in the referenced section of the specifications.	Specifications: 31 23 19.01, 3.03.F
<b>CONSTRUCTION CONDITIONS/MITIGATION: Site Restoration (Mitigation Appendix C-9 of the Resolution)</b>						
Mitigation Appendix C-9, p. 12 of 28	Applicant shall provide Pueblo County residents with replacement vegetation and property to match pre-construction conditions or better.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 6 provided below	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 6 provided below

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Pueblo County 1041 Permit No. 2008-002 Compliance Documentation Matrix

Note: All sub-headers and conditions listed in columns 1 and 2 of the table below are taken verbatim from the 1041 Permit document.

1041 CONDITION		PROGRAMMATIC	WORK PACKAGE 1A: PUEBLO DAM CONNECTION		WORK PACKAGE: S2 Pipeline	
1041 Permit Section	1041 Condition	Documentation of Compliance	Documentation of Compliance	Construction Document References	Documentation of Compliance	Construction Document References
Mitigation Appendix C-9, Project Detail, Item 1, p. 12 of 28	Grade disturbed areas to preconstruction contours so preconstruction drainage paths are reestablished.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.11 A	This requirement is included in the referenced sections of the specifications.	Specifications: 01 14 19, 3.02.S 01 14 19, 3.03.A 02 42 00, 3.01 31 23 23.15, 3.01.E 32 92 00, 3.02.C
Mitigation Appendix C-9, Project Detail, Item 2, p. 12 of 28	Reclaim disturbed land, except water areas and surface areas of roads, by seeding or planting to achieve a permanent vegetation cover as specified below. a. In accordance with Construction Condition C-5, a pre-construction evaluation of existing vegetation will be conducted to determine species diversity, woody plant density, and seasonal variety. b. Vegetation cover will be of the same seasonal variety native to the area of disturbed land, or species that support the post-construction land use. In those areas of disturbed vegetation where such seeds are not commercially available, seeds will be collected on-site to be used in re-vegetation, including, rare plants identified in the FEIS, by the Colorado Natural Heritage Program or by other qualified investigators. c. Seeding and planting of disturbed areas will be conducted during the first normal period for favorable planting conditions after final preparation for seeding or planting. d. Soil stabilizing practices will be used on all regraded and topsoiled areas. e. The re-vegetated area will be considered acceptable if the re-vegetated area cover is not less than 90 percent of the pre-construction vegetation cover with similar species diversity. The pipeline access road will not be included in the 90 percent coverage calculation.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 31 32 00	This requirement is included in the referenced sections of the specifications.	Specifications: 01 14 19, 3.01 (Condition a) 32 92 00, 2.01 (Condition b) 32 92 00, 1.07 D (Condition c) 32 91 13, 3.02 B (Condition d) 32 92 00, 1.02 D (Condition e)
Mitigation Appendix C-9, Project Detail, Item 3, p. 13 of 28	Restore roads and driveways so that: a. Surfaces are finished level with existing surfaces. b. Sealed roadways are finished to match existing seal (asphalt, spray seal, etc). c. Unsealed roadways are to be finished to match existing surface. Concrete roadways/driveways shall be reinstated in such a manner as to match existing surface. Portions of slab damaged or rendered unstable by undermining (whether inadvertently or deliberately) should be included in the portion to be reinstated.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.11 B	This requirement is included in the referenced section of the specifications.	Specifications: 01 14 19, 3.03.B
Mitigation Appendix C-9, Project Detail, Item 4, p. 13 of 28	Restore damaged or injured property including outbuildings, to a condition similar or better to that existing before the damage or injury occurred, by repairing, rebuilding, or restoring the property.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.11 C	This requirement is included in the referenced section of the specifications.	Specifications: 01 14 19, 3.03.C
Mitigation Appendix C-9, Project Detail, Item 5, p. 13 of 28	Restore or replace fences and gates that are disturbed during the construction.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.11 C	This requirement is included in the referenced section of the specifications.	Specifications: 01 14 19, 3.03.C
Mitigation Appendix C-9, Project Detail, Item 6, p. 13 of 28	Provide Pueblo County a security bond equal to \$2,000 per acre of land in permanent or temporary construction easement in each work package. The security bond shall be reimbursed in full to the Applicant two years following the final completion of the construction contract, upon successful revegetation, as described above. If successful revegetation is not achieved, the security bond will be forfeited in the amount of \$2,000 for each acre, or fraction of an acre, that has not been successfully revegetated.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 31 32 00, 3.13	This requirement is included in the referenced section of the specifications. The Contractor is required to post this bond for Colorado Springs Utilities. Colorado Springs Utilities, in turn, will provide Pueblo County with an equivalent bond.	Specifications: 32 92 00, 3.10
<b>CONSTRUCTION CONDITIONS/MITIGATION: Public Communications (Mitigation Appendix C-10 of the Resolution)</b>						
Mitigation Appendix C-10, p. 13 of 28	Applicant shall keep Pueblo County residents informed of the SDS project and upcoming construction activities.	See the responses provided to the specific items that follow immediately below.	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 5 provided below	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 5 provided below
Mitigation Appendix C-10, Project Detail, Item 1, p. 14 of 28	Assign a point of contact for responding to public questions, comments and concerns. The point of contact shall continue for one year following the final construction in Pueblo County.	Point of contact information is provided on the SDS website (www.sdswater.org).	Point of contact information is provided on the SDS website (www.sdswater.org).	None Applicable	Point of contact information is provided on the SDS website (www.sdswater.org). The contractor's public communication requirements during construction are provided in the referenced section of the specifications.	Specifications: 01 31 24
Mitigation Appendix C-10, Project Detail, Item 2, p. 14 of 28	Establish a local telephone number (a "hot-line") to allow citizens' access to the Public Communications Office and team throughout the duration of the Project. This telephone number will be included in the public information measures listed below, as well as on job site signage. The hot-line will be a combination of pre-recorded and live operator communications.	Hotline numbers (719.668.7582 or 866.719.4SDS) have been established and are listed on the SDS website (www.sdswater.org).	Hotline numbers (855.SDS.4YOU, 719.668.7582, and 866.719.4SDS) have been established and are listed on the SDS website (www.sdswater.org).	None Applicable	Hotline numbers (855.SDS.4YOU, 719.668.7582, and 866.719.4SDS) have been established and are listed on the SDS website (www.sdswater.org). The contractor's public communication requirements during construction are provided in the referenced section of the specifications.	Specifications: 01 31 24
Mitigation Appendix C-10, Project Detail, Item 3, p. 14 of 28	Develop and maintain a website that will include details of current and future project activities (i.e. schedules, type of work, phases, etc.)	The SDS website (www.sdswater.org) includes project details.	The SDS website (www.sdswater.org) includes project details.	None Applicable	The SDS website (www.sdswater.org) includes project details. The contractor's public communication requirements during construction are provided in the referenced section of the specifications.	Specifications: 01 31 24
Mitigation Appendix C-10, Project Detail, Item 4, p. 14 of 28	Deliver individual resident "mailers" notifying each resident of future construction activity near their home. Residences within 500 feet of an upcoming construction zone will be informed thirty (30) days prior to construction. The mailers will include details of when construction will begin; when completion is planned; what types of activities are expected; an overview of the Project; and the hot-line number.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This condition is not applicable to PDC, as all construction activities will be located on federal land. There are no residences located within 500 feet of the proposed construction activities.	None Applicable	This requirement is included in the referenced section of the specifications.	Specifications: 01 14 19, 3.02.B
Mitigation Appendix C-10, Project Detail, Item 5, p. 14 of 28	Distribute individual resident "door hangers" to properties within 500 feet of the construction site. These will serve as reminders of future construction activities, and will be distributed approximately seven (7) days prior to construction.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This condition is not applicable to PDC, as all construction activities will be located on federal land. There are no residences located within 500 feet of the proposed construction activities.	None Applicable	This requirement is included in the referenced section of the specifications.	Specifications: 01 14 19, 3.02.C
<b>CONSTRUCTION CONDITIONS/MITIGATION: Dust and Other Air Emission Controls (Dust Control) (Mitigation Appendix C-11 of the Resolution)</b>						
Mitigation Appendix C-11, p. 14 of 28	Applicant shall minimize fugitive dust impacts to County residents.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 5 provided below	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 5 provided below
Mitigation Appendix C-11, Project Detail, Item 1, p. 14 of 28	Prepare, submit and implement a fugitive dust control plan as required by the Colorado Department of Public Health and Environment (CDPHE) Air Pollution Control Division. A copy of the plan will be submitted to Pueblo County.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.05 A	This requirement is included in the referenced sections of the specifications.	Specifications: 01 57 19, 1.03.A.3 01 57 19, 3.05.A and B

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1041 CONDITION		PROGRAMMATIC	WORK PACKAGE 1A: PUEBLO DAM CONNECTION		WORK PACKAGE: S2 Pipeline	
1041 Permit Section	1041 Condition	Documentation of Compliance	Documentation of Compliance	Construction Document References	Documentation of Compliance	Construction Document References
Mitigation Appendix C-11, Project Detail, Item 2, p. 14 of 28	Implement standard fugitive dust control practices as specified in the fugitive dust control plan, including: a. Watering unpaved roads on site. b. Limiting vehicle speeds to 30 mph on site. c. Covering excavated material with synthetic or natural cover or preventing sediment movement from the pile using silt fence. d. Installing vehicle tracking control at access points to the site. e. Re-vegetating disturbed areas as described in Construction Condition C-9 as soon as appropriate to reduce dust sources. f. Sweeping paved streets as necessary to remove construction dust.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.05 A	This requirement is included in the referenced sections of the specifications.	Specifications: 01 57 19, 1.03.A.3 01 57 19, 3.05.C and D
Mitigation Appendix C-11, Project Detail, Item 3, p. 14 of 28	Perform particulate monitoring using real-time particulate monitors that are capable of monitoring particulate matter less than ten microns (PM10). Particulate levels will be monitored immediately downwind at the working site and integrated over a period not to exceed 15 minutes. Monitoring will be conducted a minimum of once a day, with additional testing conducted if complaints are received. Instrumentation shall require necessary averaging hardware to accomplish this task. In order to ensure the validity of the fugitive dust measurements performed, there will be appropriate Quality Assurance/Quality Control (QA/QC) that includes the following features: periodic instrument calibration, operator training, daily instrument performance (span) checks, and record keeping.  The action level will be established at 150µg/m3 over the integrated period not to exceed 15 minutes. If particulate levels are detected in excess of 150 µg/m3, the upwind background level must be measured immediately using the same portable monitor. If the working site particulate measurement is greater than 100 µm/m3 above the background level, additional dust suppression techniques must be implemented to reduce the generation of fugitive dust.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.  Dust monitoring began at the start of construction and is conducted each day of construction activity. At Pueblo Dam, there were no exceedances during 2nd Quarter 2011, with a maximum reading of 0.037 mg/m3. In general, Colorado Springs Utilities is incorporating fugitive dust control requirements in compliance with all federal, state, or local regulations or permit requirements in the construction contract documents.	Specifications: 01 50 00, 3.05 A	This requirement is included in the referenced section of the specifications.	Specifications: 01 57 19, 3.05.E
Mitigation Appendix C-11, Project Detail, Item 4, p. 15 of 28	Use construction equipment that meets Colorado opacity standards for operating emissions. Construction equipment will be emissions tested at an approved facility prior to use on the site. This test will be performed each year that the equipment is used on the project. The certificates of approval for each item of construction equipment will be maintained by Applicant and be available for inspection by Pueblo County if requested.	A waiver has been requested for this condition as construction equipment is exempt from Colorado opacity standards under CDPHE AQCC Regulation No. 12, 5 CCR 1001-15.	See Programmatic Note.	None Applicable	See Programmatic Note.	None Applicable
Mitigation Appendix C-11, Project Detail, Item 5, p. 15 of 28	Do not burn waste materials, rubbish, or other debris on or adjacent to the construction site.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.05 A	This requirement is included in the referenced section of the specifications.	Specifications: 01 57 19, 3.10.C
<b>CONSTRUCTION CONDITIONS/MITIGATION: Drainage and Erosion Control (Sediment Control) (Mitigation Appendix C-12 of the Resolution)</b>						
Mitigation Appendix C-12, p. 15 of 28	Applicant shall maintain soil within construction zone.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 5 provided below	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 5 provided below
Mitigation Appendix C-12, Project Detail, Item 1, p. 15 of 28	Obtain a permit for Drainage and Erosion Control within a construction site: General Permit – Stormwater Discharges Associated with Construction Activity (Permit No: COR-030000).	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications. A copy of this permit was sent to the Pueblo County Planning Department on October 26, 2010.	Specifications: 01 50 00, 1.02 A	This requirement is included in the referenced section of the specifications.	Specifications: 01 41 26, 1.02.E
Mitigation Appendix C-12, Project Detail, Item 2, p. 15 of 28	Implement a Stormwater Management Plan (SWMP) and Best Management Practices (BMPs) per Colorado Department of Transportation (CDOT) Erosion Control and Stormwater Quality Guide.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 57 13, 3.01 A	This requirement is included in the referenced drawings and section of the specifications.	Drawings: S2-EC-1 through 14 S2-SD-6 Specifications: 01 57 22, 1.03.C
Mitigation Appendix C-12, Project Detail, Item 3, p. 15 of 28	Perform a pre-existing condition assessment of areas potentially subject to sedimentation from SDS construction as described in Construction Condition C-5.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	See the responses provided to Mitigation Appendix C-5.	See construction document references for Mitigation Appendix C-5 provided above	See the responses provided to Mitigation Appendix C-5.	See construction document references for Mitigation Appendix C-5 provided above
Mitigation Appendix C-12, Project Detail, Item 4, p. 15 of 28	Restore lands outside of the work area that have been impacted by sediment from SDS construction consistent with Construction Condition C-9.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	See the responses provided to Mitigation Appendix C-9.	See construction document references for Mitigation Appendix C-9 provided above	See the responses provided to Mitigation Appendix C-9.	See construction document references for Mitigation Appendix C-9 provided above
Mitigation Appendix C-12, Project Detail, Item 5, p. 15 of 28	Shall not release sediment impacting more than 4 square feet of land outside of the work.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 57 13, 3.01 D	This requirement is included in the referenced section of the specifications.	Specifications: 01 57 22, 3.01.D
<b>CONSTRUCTION CONDITIONS/MITIGATION: Pre-Mobilization Readiness Review (Mitigation Appendix C-13 of the Resolution)</b>						
Mitigation Appendix C-13, p. 16 of 28	Applicant shall perform pre-mobilization readiness reviews prior to Applicant's contractor's beginning on-site construction activities.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 and 2 provided below	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 and 2 provided below
Mitigation Appendix C-13, Project Detail, Item 1, p. 16 of 28	Prepare a Project Execution Plan (PEP) for each Work Package of the SDS Project (i.e. Pump Station, Pipeline Segment, Water Treatment Plant). The PEP will be structured to standardize and codify the project planning process for consistency and quality of implementation.	This submittal addresses the conditions of the 1041 Permit in a programmatic nature. For the list of work packages provided in Section II, a work package-specific PEP will be provided to Pueblo County.	This submittal was prepared in fulfillment of the commitment to prepare a PEP for PDC.	None Applicable	This submittal was prepared in fulfillment of the commitment to prepare a PEP for the S2 Pipeline.	None Applicable

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Pueblo County 1041 Permit No. 2008-002 Compliance Documentation Matrix

Note: All sub-headers and conditions listed in columns 1 and 2 of the table below are taken verbatim from the 1041 Permit document.

1041 CONDITION		PROGRAMMATIC	WORK PACKAGE 1A: PUEBLO DAM CONNECTION		WORK PACKAGE: S2 Pipeline	
1041 Permit Section	1041 Condition	Documentation of Compliance	Documentation of Compliance	Construction Document References	Documentation of Compliance	Construction Document References
Mitigation Appendix C-13, Project Detail, Item 2, p. 16 of 28	Perform a Pre-Mobilization Readiness Review to determine the project's readiness for mobilization of field activities. Pueblo County will be invited to participate in the review. Subject mater of a Readiness Review will, at a minimum, include: a. Safety management and Emergency Preparedness policies and procedures. b. Quality Assurance/Quality Control programs and procedures. c. Required local, state and federal permits and agency approvals have been acquired, the Contractor is aware of permit requirement and limitations, and appropriate Contractor policies and procedures are in place for compliance. d. Site and security controls are in place. e. Communications systems are in place and operational. f. Temporary facilities are in place where required. g. Safety plan and safety representative. h. Utility Locations have been verified. i. Agency Approvals (incl. Pueblo County). j. Applicant shall verify that land, easement, and right-of-way acquisitions are complete and what limitations are related to Project access.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications. The date of this meeting was November 4, 2010.	Specifications: 01 31 19, 1.02	This requirement is included in the referenced section of the specifications. This meeting is tentatively planned for late August 2011.	Specifications: 01 31 19, 1.02
<b>CONSTRUCTION CONDITIONS/MITIGATION: Traffic Control (Mitigation Appendix C-14 of the Resolution)</b>						
Mitigation Appendix C-14, Project Detail, Item 1, p. 16 of 28	Develop a traffic control plan complying with the applicable standards of the Manual on Uniform Traffic Control Devices. The Traffic Control Plan will be signed by an individual certified by the Colorado Department of Transportation (CDOT) or the American Traffic Safety Services Association (ATSSA), as a Worksite Traffic Control Supervisor, whose signature shall constitute certification that the plan meets or exceeds MUTCD standards. The plan will include drawings(s) of the project location showing phases of the project, a list of the posted speed limits throughout the project, and a drawing(s) of the traffic control measures to be employed at the project site. Traffic control plans will be subject to approval by the Pueblo West Department of Public Works and/or the Pueblo County Department of Public Works Road and Bridge Division.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 and 2 provided below	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 and 2 provided below
Mitigation Appendix C-14, Project Detail, Item 2, p. 17 of 28	Comply with the Haul Route Plan accepted by Pueblo County.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.09 A	This requirement is included in the referenced section of the specifications.	Specifications: 01 55 26, 3.03.A
Mitigation Appendix C-14, Project Detail, Item 2, p. 17 of 28	Comply with the Haul Route Plan accepted by Pueblo County.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.09 H	This requirement is included in the referenced section of the specifications.	Specifications: 01 14 13, 1.02.B
<b>CONSTRUCTION CONDITIONS/MITIGATION: Protection of Plants and Wildlife (Mitigation Appendix C-15 of the Resolution)</b>						
Mitigation Appendix C-15, Project Detail, Item 1, p. 17 of 28	Protect native endangered and threatened flora and fauna in accordance with the Final Environmental Impact Statement.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.  Pre-construction surveys are conducted for each work package. Information from these surveys is part of the environmental constraints map, of which the contractor must comply with per the specs provided.	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 and 3 provided below	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 and 3 provided below
Mitigation Appendix C-15, Project Detail, Item 2, p. 17 of 28	Submit a wildlife mitigation plan to the Colorado Division of Wildlife in accordance with their regulations prior to construction. This Plan will include actions that Applicant proposes to mitigate impacts that the SDS Project may have on fish and wildlife. As required by that statute, the Wildlife Commission will evaluate the probable impact of the project on fish and wildlife. The Applicant shall provide the official wildlife mitigation plan and official state position to Pueblo County Staff prior to construction.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 G	This requirement is included in the referenced section of the specifications.	Specifications: 01 57 19, 1.04.C.1
Mitigation Appendix C-15, Project Detail, Item 3, p. 17 of 28	Coordinate with Bureau of Reclamation to release flows to the Arkansas River through the flood control gates when the North Outlet Works is unavailable due to construction activities.	The SDS Fish and Wildlife Mitigation Plan has been approved by the Colorado Wildlife Commission (CWC) and the Colorado Water Conservation Board (CWCB). In addition, Colorado Springs Utilities has entered into a Memorandum of Agreement with CWC (via the Colorado Department of Natural Resources) that describes the agreements and commitments for implementation of the Plan. The Fish and Wildlife Mitigation Plan, was submitted to Pueblo County on July 27, 2010.	Programmatic Requirement	None Applicable	Programmatic Requirement - This requirement is noted in the referenced section of the specifications.	Specifications: 01 41 26, 1.03.D
Mitigation Appendix C-16, Project Detail, Item 1, p. 17 of 28	Provide a person experienced in field identification of noxious weeds to locate existing noxious weeds that will be disturbed during construction in advance of ground-disturbing construction activities.	This commitment will be addressed in the submittal of the Work Package 1A (Pueblo Dam Connection) PEP.	The specifications, drawings, construction management plan and MOU between Utilities and Reclamation state that the Spillway Gates (aka. Flood control gates) are to be used when construction is occurring on the North Outlet Works to control river releases.  This requirement is included in the referenced section of the specifications.	Specifications: 35 53 30, 3.11 A	Not applicable to this work package.	None Applicable
<b>CONSTRUCTION CONDITIONS/MITIGATION: Noxious Weed Control (Mitigation Appendix C-16 of the Resolution)</b>						
Mitigation Appendix C-16, Project Detail, Item 1, p. 17 of 28	Provide a person experienced in field identification of noxious weeds to locate existing noxious weeds that will be disturbed during construction in advance of ground-disturbing construction activities.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.  Pre-construction surveys are conducted for each work package. Information from these surveys is part of the environmental constraints map, of which the contractor must comply with per the specs provided.	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 5 provided below	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 5 provided below
Mitigation Appendix C-16, Project Detail, Item 2, p. 17 of 28	If List A species are found, provide to the State Weed Coordinator mapping data pertinent to each population including: a. Species name b. Population location(s) including distribution and abundance c. Estimated infested acreage	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.12 B	This requirement is included in the referenced section of the specifications.	Specifications: 01 57 17, 1.01.B
Mitigation Appendix C-16, Project Detail, Item 2, p. 17 of 28	If List A species are found, provide to the State Weed Coordinator mapping data pertinent to each population including: a. Species name b. Population location(s) including distribution and abundance c. Estimated infested acreage	Colorado Springs Utilities is contracting with specialty firms to conduct these surveys. If List A species are found, Colorado Springs Utilities will provide the State Weed Coordinator mapping data for each population which includes: species name, population location(s) including distribution and abundance and the estimated infested acreage.	Colorado Springs Utilities is contracting with specialty firms to conduct these surveys. If List A species are found, Colorado Springs Utilities will provide the State Weed Coordinator mapping data for each population which includes: species name, population location(s) including distribution and abundance and the estimated infested acreage.	None Applicable	Colorado Springs Utilities is contracting with specialty firms to conduct these surveys. If List A species are found, Colorado Springs Utilities will provide the State Weed Coordinator mapping data for each population which includes: species name, population location(s) including distribution and abundance and the estimated infested acreage.	None Applicable

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Pueblo County 1041 Permit No. 2008-002 Compliance Documentation Matrix

Note: All sub-headers and conditions listed in columns 1 and 2 of the table below are taken verbatim from the 1041 Permit document.

1041 CONDITION		PROGRAMMATIC	WORK PACKAGE 1A: PUEBLO DAM CONNECTION		WORK PACKAGE: S2 Pipeline	
1041 Permit Section	1041 Condition	Documentation of Compliance	Documentation of Compliance	Construction Document References	Documentation of Compliance	Construction Document References
Mitigation Appendix C-16, Project Detail, Item 3, p. 17 of 28	Implement an eradication program within the project limits. Eradicate existing Class A and B noxious weed populations.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.12 D	This requirement is included in the referenced section of the specifications.	Specifications: 01 57 17, 3.01.B
Mitigation Appendix C-16, Project Detail, Item 4, p. 17 of 28	Adopt the following methods to prevent the spread of noxious weeds during construction. a. Major equipment (track equipment, rubber tire loaders, and backhoes) will be cleaned by high pressure air or water spray before being delivered to the project site. b. Use weed free seed, mulch, and borrow material. c. Use 100-percent certified weed free seed and mulch. Locally or regionally available seed and mulch will be used when practicable.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.12 F	This requirement is included in the referenced sections of the specifications.	Specifications: 01 57 17, 3.01.A 32 92 00
Mitigation Appendix C-16, Project Detail, Item 5, p. 18 of 28	Disturbed areas will be re-seeded as soon as practicable after the disturbance ends.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.12 F	This requirement is included in the referenced sections of the specifications.	Specifications: 01 57 17, 3.01.A.2 32 92 00, 1.07.D
<b>CONSTRUCTION CONDITIONS/MITIGATION: Hazardous Waste Management (Mitigation Appendix C-17 of the Resolution)</b>						
Mitigation Appendix C-17, p. 18 of 28	Applicant shall ensure that hazardous wastes are appropriately managed.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 and 2 provided below	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 and 2 provided below
Mitigation Appendix C-17, Project Detail, Item 1, p. 18 of 28	Follow regulations to the handling, storage, transportation, and disposal of hazardous materials as set forth in the Code of Federal Regulation (CFR) 1910.120, DOT, EPA and NRC regulations, as applicable. The type and quantity of these materials will be small quantities (paints, solvents, fuels, etc.).	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.14 A	This requirement is included in the referenced sections of the specifications.	Specifications: 01 57 19, 1.01.E 01 66 13, 3.01.A
Mitigation Appendix C-17, Project Detail, Item 2, p. 18 of 28	Development and implement Health, Safety and Environmental plans including hazardous material management in compliance with Federal, State and Local regulations prior to mobilizing on-site for Project construction.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.14 B	This requirement is included in the referenced section of the specifications.	Specifications: 01 66 13, 3.01.C
<b>CONSTRUCTION CONDITIONS/MITIGATION: Sustainable Design (Mitigation Appendix C-18 of the Resolution)</b>						
Mitigation Appendix C-18, p. 18 of 28	Applicant shall, where practical, design SDS facilities to be sustainable or "green".	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 3 provided below	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 3 provided below
Mitigation Appendix C-18, Project Detail, Item 1, p. 18 of 28	Make an effort to balance cut and fill for site grading and backfill to reduce imported or exported material.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	For PDC, the cut and fill are balanced.	None Applicable	For this work package, the cut and fill are balanced.	None Applicable
Mitigation Appendix C-18, Project Detail, Item 2, p. 18 of 28	Use site and building design to promote energy and resource conservation.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	During design, Colorado Springs Utilities, on behalf of the SDS Participants, made a concerted effort to minimize the footprint of this work package.	None Applicable	During design, Colorado Springs Utilities, on behalf of the SDS Participants, made a concerted effort to minimize the footprint of this work package.	None Applicable
Mitigation Appendix C-18, Project Detail, Item 3, p. 18 of 28	Motors and electrical equipment will be high-efficiency rated. Efficiencies will be determined by testing as set forth in ANSI/IEEE 112-Standard Test Procedures for Polyphase Induction Motors and Generator, Method B or Method F.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 26 20 00, 2.06 26 20 00, 2.15	Not applicable to this work package.	None Applicable
<b>CONSTRUCTION CONDITIONS/MITIGATION: Sustainable Construction Practices (Mitigation Appendix C-19 of the Resolution)</b>						
Mitigation Appendix C-19, p. 18 of 28	Applicant shall, where practicable, use sustainable construction practices.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 4 provided below	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 4 provided below
Mitigation Appendix C-19, Project Detail, Item 1, p. 19 of 28	Create opportunities for sustainable construction.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.15A	This requirement is incorporated into this work package through the incorporation of the subsequent four requirements into the construction documents for this work package.	See references for the following four items.
Mitigation Appendix C-19, Project Detail, Item 2, p. 19 of 28	Prepare a materials handling plan including recycling and reuse. This plan shall identify materials expected to be encountered during demolition, site clearing, field office operations, equipment maintenance, etc. In this plan, the Applicant shall define how these materials will be handled to maximize recycling and reuse opportunities and to minimize permanent disposal of such items including used motor oil, waste paper, removed asphalt, removed concrete, used tires, etc.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.15 A	This requirement is included in the referenced section of the specifications.	Specifications: 01 33 29, 1.01.A
Mitigation Appendix C-19, Project Detail, Item 3, p. 19 of 28	Use minimum 10-percent bio diesel in construction equipment.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.15 B	This requirement is included in the referenced section of the specifications.	Specifications: 01 33 29, 2.01.A
Mitigation Appendix C-19, Project Detail, Item 4, p. 19 of 28	Purchase local goods and services to the maximum extent possible consistent with sound procurement practices and local availability. Such purchases may include bulk commodities where longer shipping distances are not economical, such as fuel, lubricants, oils, sand and gravel, masonry, and concrete.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.15 C	This requirement is included in the referenced section of the specifications.	Specifications: 01 33 29, 1.01.B
<b>CONSTRUCTION CONDITIONS/MITIGATION: Surface Water and Groundwater Flows (Mitigation Appendix C-20 of the Resolution)</b>						
Mitigation Appendix C-20, p. 19 of 28	Applicant shall restore ground and surface water supplies to pre-construction conditions.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 and 2 provided below	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 and 2 provided below

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Pueblo County 1041 Permit No. 2008-002 Compliance Documentation Matrix

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1041 CONDITION		PROGRAMMATIC	WORK PACKAGE 1A: PUEBLO DAM CONNECTION		WORK PACKAGE: S2 Pipeline	
1041 Permit Section	1041 Condition	Documentation of Compliance	Documentation of Compliance	Construction Document References	Documentation of Compliance	Construction Document References
Mitigation Appendix C-20, Project Detail, Item 1, p. 19 of 28	Restore disturbed surfaces to pre-construction contours, as defined by the aerial survey and mapping.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.11 A	This requirement is included in the referenced sections of the specifications.	Specifications: 01 14 19, 3.03.A 31 23 23.15, 3.01.E
Mitigation Appendix C-20, Project Detail, Item 2, p. 19 of 28	Perform pre-construction hydrologic investigations on properties that have active springs along the pipeline route. Design and construct the pipeline to prevent injury to springs. a. Use "flowable fill" for bedding and pipe zone material. b. Use native material that was removed from the trench in the trench zone above the pipe. c. Use trench plugs in areas where groundwater is encountered to prevent flow along the trench line.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This condition is not applicable to PDC. There is a small amount of pipe that is being constructed as part of PDC. The pipeline construction is not occurring in an area with active springs.	None Applicable	There are no known active springs along the pipeline route. The requirements to use "flowable fill", native material and trench plugs are included in the referenced sections of the specifications.	Specifications: 31 23 23.15, 3.06.C 31 23 23.15, 3.17
<b>CONSTRUCTION CONDITIONS/MITIGATION: Protection of Livestock (Mitigation Appendix C-21 of the Resolution)</b>						
Mitigation Appendix C-21, Project Detail, Item 1, p. 19 of 28	Applicant shall protect livestock on lands crossed by the project during construction.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 3 provided below	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 3 provided below
Mitigation Appendix C-21, Project Detail, Item 1, p. 19 of 28	Work jointly with landowners and livestock owners to determine grazing areas, watering points and livestock pathways to food and water.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 A	This requirement is included in the referenced section of the specifications.	Specifications: 01 14 19, 3.02.V
Mitigation Appendix C-21, Project Detail, Item 2, p. 20 of 28	Provide access for livestock through farm areas, do not cut off ready access points of farmlands in which livestock are pastured, provide alternate accessible water sources, maintain existing fences required to restrain livestock, and keep gates closed and secure.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 A	This requirement is included in the referenced section of the specifications.	Specifications: 01 14 19, 3.02.U
Mitigation Appendix C-21, Project Detail, Item 3, p. 20 of 28	Temporarily relocate livestock away from construction activities if requested by livestock owner.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.04 A	This requirement is included in the referenced section of the specifications.	Specifications: 01 14 19, 3.02.W
<b>CONSTRUCTION CONDITIONS/MITIGATION: Noise Control (Mitigation Appendix C-22 of the Resolution)</b>						
Mitigation Appendix C-22, Project Detail, Item 1, p. 20 of 28	Applicant shall minimize noise impacts to adjacent property owners.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 5 provided below	See the responses provided to the specific items that follow immediately below.	See construction document references for Project Detail, Items 1 through 5 provided below
Mitigation Appendix C-22, Project Detail, Item 1, p. 20 of 28	Comply with OSHA, State of Colorado, and local noise control standards, requirements, and regulations.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.05 B	This requirement is included in the referenced sections of the specifications.	Specifications: 01 57 19, 1.03.A.4 01 57 19, 3.11
Mitigation Appendix C-22, Project Detail, Item 2, p. 20 of 28	Measure baseline noise conditions prior to construction work commencing. The baseline will be the average noise reading over three 24-hour periods at each receptor lot-line location or at 1-mile intervals, whichever is greater.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications. These were conducted from May 3 to May 6.	Specifications: 01 50 00, 3.05 B	This requirement is included in the referenced section of the specifications.	Specifications: 01 57 19, 3.11.D.3
Mitigation Appendix C-22, Project Detail, Item 3, p. 20 of 28	Periodically monitor generated sound levels and record decibel levels. Should noise exceed appropriate standards, the operation will be ceased and noise mitigation measures will be implemented.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.05 B	This requirement is included in the referenced section of the specifications.	Specifications: 01 57 19, 3.11.D.4
Mitigation Appendix C-22, Project Detail, Item 4, p. 20 of 28	Develop a noise control plan to mitigate construction noise and to comply with appropriate standards.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.05 B	This requirement is included in the referenced sections of the specifications.	Specifications: 01 57 19, 1.03.A.4 01 57 19, 3.11.D
Mitigation Appendix C-22, Project Detail, Item 5, p. 20 of 28	Any excessively high decibel level work, such as blasting or pile driving will be performed between the limited hours of 9:00 am and 5:00 pm to minimize disruptions.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 50 00, 3.05 B	This requirement is included in the referenced section of the specifications.	Specifications: 01 57 19, 3.11.D.5

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Pueblo County 1041 Permit No. 2008-002 Compliance Documentation Matrix

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1041 CONDITION		PROGRAMMATIC	WORK PACKAGE 1A: PUEBLO DAM CONNECTION	WORK PACKAGE: S2 Pipeline		
1041 Permit Section	1041 Condition	Documentation of Compliance	Documentation of Compliance	Construction Document References	Documentation of Compliance	Construction Document References
<b>SOCIO-ECONOMIC/CONTRACTING PRACTICES: Securing Land Through Easements, Fee Purchase, or Condemnation (Mitigation Appendix SE-1 of the Resolution)</b>						
Mitigation Appendix SE-1, p. 20 of 28	Applicant shall secure land necessary for construction of the project in a fair and equitable manner.	See the responses provided to the specific items that follow immediately below.	See the responses provided to the specific items that follow immediately below.	None Applicable	See the responses provided to the specific items that follow immediately below.	None Applicable
Mitigation Appendix SE-1, Project Detail, Item 1, p. 20 of 28	Treat private property owners fairly and commit to using the power of eminent domain only as a last resort.	Colorado Springs Utilities, on behalf of the SDS Participants, has treated property owners fairly during the land acquisition process and is only using the power of eminent domain as a last resort. Colorado Springs Utilities has acquired 135 of the approximate 170 easements necessary for pipeline construction cooperatively with landowners, and has worked diligently to attempt to reach agreement with the remaining landowners. The land acquisition procedure for SDS has complied and will comply with the City of Colorado Springs Procedure Manual for the Acquisition and Disposition of Real Property Interests.	This condition is not applicable to PDC.	None Applicable	Colorado Springs Utilities has attempted to coordinate with individual landowners to acquire properties and easements through voluntary negotiations to the maximum extent practicable, using the power of eminent domain only as a last resort. Colorado Springs Utilities has reached agreements with a majority of the landowners, however, Colorado Springs Utilities has been unable to reach mutual agreement with a limited number of landowners and are keeping the Pueblo County Board of County Commissioners informed through regular communications.	None Applicable
Mitigation Appendix SE-1, Project Detail, Item 2, p. 20 of 28	Offer to compensate landowners to have their own appraisal done if they disagree with the applicant's appraisal.	Colorado Springs Utilities, on behalf of the SDS Participants, has offered to compensate landowners to have their own appraisal done if they disagree with Colorado Springs Utilities' appraisal.	This condition is not applicable to PDC.	None Applicable		
Mitigation Appendix SE-1, Project Detail, Item 3, p. 20 of 28	Reimburse landowners for relocation costs, title work, and closing costs. No landowner should have out-of-pocket expenses from the project for these activities.	Colorado Springs Utilities, on behalf of the SDS Participants, will reimburse landowners for out of pocket costs such as relocation costs, title work and closing costs.	This condition is not applicable to PDC.	None Applicable		
Mitigation Appendix SE-1, Project Detail, Item 4, p. 21 of 28	Provide proof to Pueblo County that they have secured the necessary rights to construct the project prior to starting construction at any given location.	With the submittal of the work package-specific PEPs, Colorado Springs Utilities, on behalf of the SDS Participants, will demonstrate the necessary property interests have been acquired prior to starting construction.	Colorado Springs Utilities submitted a 299 application for Facilities on Federal Lands to initiate the permitting process with Reclamation on April 16, 2010. The result of this application will be the issuance of a Special Use Permit by Reclamation. It is anticipated that the Special Use Permit will be granted after the 60-day waiting period, which is after the Reclamation contracts have been executed.  In addition, Colorado Springs Utilities is in the final stages of negotiation with the State of Colorado on a Memorandum of Agreement (MOA) regarding construction activities at Pueblo Reservoir.  In accordance with this commitment, Colorado Springs Utilities will provide Pueblo County copies of the Special Use Permit and the MOA with the State of Colorado.	None Applicable		
<b>SOCIO-ECONOMIC/CONTRACTING PRACTICES: Payment in Lieu of Property Taxes (Mitigation Appendix SE-2 of the Resolution)</b>						
Mitigation Appendix SE-2, p. 21 of 28	Applicant shall reimburse Pueblo County for property taxes lost due to acquisition of land in fee.	See the responses provided for 1041 Permit condition 17. Payments In-Lieu of Property Tax.	See the responses provided for 1041 Permit condition 17. Payments In-Lieu of Property Tax.	None Applicable	See the responses provided for 1041 Permit condition 17. Payments In-Lieu of Property Tax.	None Applicable
Mitigation Appendix SE-2, Project Detail, Item 1, p. 21 of 28	Preferentially acquire easements and minimize to extent practicable, the number of private properties acquired in fee to support construction and operation of SDS.					
Mitigation Appendix SE-2, Project Detail, Item 2, p. 21 of 28	For those private properties purchased and owned in fee, make an annual payment in lieu of taxes equal to the value of the taxes assessed by the Pueblo County Assessor.					
Mitigation Appendix SE-2, Project Detail, Item 3, p. 21 of 28	Payment shall be made to Pueblo County treasury on or before April 30 of each calendar year.					
Mitigation Appendix SE-2, Project Detail, Item 4, p. 21 of 28	Upon successful closing of private property purchase.					
Mitigation Appendix SE-2, Project Detail, Item 5, p. 21 of 28	This mitigation is ongoing until private properties purchased are sold or conveyed to another private owner.					
<b>OPERATIONAL PRACTICES (Mitigation Appendices O-1, O-2, and O-3 of the Resolution)</b>						
Mitigation Appendix O-1, Release Rate Limit, p. 21 of 28	Applicant shall limit the maximum release rate from the Williams Creek Reservoir to 300 cubic feet per second.	Colorado Springs Utilities, on behalf of the SDS Participants, intends to operate SDS in accordance with the Operational Conditions described in the 1041 Permit.	Programmatic Requirement	None Applicable	Programmatic Requirement	None Applicable
Mitigation Appendix O-2, Pipeline Drainage, p. 21 of 28	Applicant shall limit the release rate of drains from the pipeline to a drainageway to the equivalent of less than a 2-year storm event in that drainageway, except in the case of emergency.					
Mitigation Appendix O-3, Pipeline Capacity, p. 21 of 28	Applicant shall limit the rate of water pumped by the Juniper Pump Station to 78 mgd.					

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Pueblo County 1041 Permit No. 2008-002 Compliance Documentation Matrix

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1041 CONDITION		PROGRAMMATIC	WORK PACKAGE 1A: PUEBLO DAM CONNECTION		WORK PACKAGE: S2 Pipeline	
1041 Permit Section	1041 Condition	Documentation of Compliance	Documentation of Compliance	Construction Document References	Documentation of Compliance	Construction Document References
<b>ENFORCEMENT PRACTICES: Compliance Monitoring and Reporting (Mitigation Appendix ENF-1 of the Resolution)</b>						
Mitigation Appendix ENF-1, p. 22 of 28	Applicant shall monitor and report on compliance with the conditions of the 1041 permit.	See the responses provided to the specific items that follow immediately below.	See the responses provided to the specific items that follow immediately below.	None Applicable	Programmatic Requirement	None Applicable
Mitigation Appendix ENF-1, Project Detail, Item 1, p. 22 of 28	1. Submit a quarterly report during project construction in Pueblo County that will provide a summary of activities related to the Conditions of the permit. The report will summarize the activities occurring in the reporting period, and a forecast of activities planned in the upcoming period. Contents of the report will include (as applicable): a. Safety incident log. b. Citizen call log. c. Description of mitigation and restoration activities (i.e., quantity and location of repaired road surface, reseeding, etc.). d. List of non-compliance issues by contractors (silt releases, work hour infractions, fines and penalties). e. Sustainable construction practices employed. f. Schedule and key milestones met and forecast. g. Location and extent of excavations. h. Instances of work outside normal work hours, except maintenance activities. i. Status of site maintenance, security and access control to properties. j. Location and extent of dewatering activities. k. Status of other required permits, including compliance with the programmatic agreement to protect cultural resources. l. Dust monitoring summary. m. Status of drainage and erosion control measures. n. Status of plant and wildlife protection requirements. o. Status of measures to protect surface and groundwater flows. p. Status of livestock protection measures. q. Status of Clear Spring Ranch project. r. Status of pump station architectural review. s. Status of land acquisition. t. Status of compliance with requirements concerning Pueblo County Roads. u. Status of dredging at the levees on Fountain Creek in Pueblo. v. Status of reclamation and bonding for disturbed areas. w. Status of the written MOU for construction and use of the North River Outlet Works. x. Acceptance of the design of structures at Lake Pueblo Dam by the BOR. y. Status of conservation strategies, local reuse, stormwater management, drainage regulations and enforcement. z. Status of stormwater and wastewater system improvements per permit commitments. aa. Status of NEPA, ROD, contract negotiations with BOR and notice of NEPA-required mitigation and any project changes resulting from contract negotiations.	Colorado Springs Utilities, on behalf of the SDS Participants, will submit quarterly reports summarizing activities related to the 1041 Permit Terms and Conditions during project construction.  The 4th Quarter 2010 Quarterly Report was submitted to Pueblo County in January 2011. The 1st Quarter 2011 Quarterly Report was submitted to Pueblo County in April 2011.	Programmatic Requirement	None Applicable	Programmatic Requirement	None Applicable
Mitigation Appendix ENF-1, Project Detail, Item 2, p. 23 of 28	2. Submit an annual report to Pueblo County that will provide a summary of activities related to the SDS Project and the Conditions of the Permit. These reports will be due annually on or before January 31, beginning the year following commencement of water deliveries through the SDS pipeline. The reports shall include a signed certification of compliance with the Permit. Contents of the report will include, but will not be necessarily limited to: a. Summary of storage, diversion, delivery of water in Pueblo County. b. Summary of Participants' return flows to Fountain Creek including storage and releases of such return flows (maximum daily flows, average annual and monthly flows and amounts). c. Summaries of exchanges by Participants between Pueblo Reservoir and the Fountain Creek confluence (monthly and annual rates of flow and quantities). d. Use of any new water rights to be delivered or stored through SDS (amount, time, source). e. Water quality monitoring. f. Geomorphology monitoring. g. Status of adaptive management plans on Fountain Creek. h. Status of payments into the Fountain Creek monetary mitigation fund. i. Status of expenditures for wastewater system improvements for Participants (and third party users in the Fountain Creek basin) per Permit Conditions. j. Reports on the operation of the Pueblo Flow Management Program and the Low Flow Program (rates, and quantities, and times of foregone exchanges, releases, and reception documentation). k. Status of lake level management cooperative efforts with other entities at Pueblo Reservoir. l. Status of conservation and local reuse. m. Payments to Pueblo County in lieu of property taxes. n. Copies of the annual reports on the SDS Project submitted to Reclamation.	Colorado Springs Utilities, on behalf of the SDS Participants, will commence submitting annual reports documenting compliance with the 1041 Permit Terms and Conditions the year following initial water deliveries through the SDS pipeline.  The 2010 Annual Report was submitted to Pueblo County in January 2011.	Programmatic Requirement	None Applicable	Programmatic Requirement	None Applicable
<b>COUNTY ROADS - CONDITIONS/MITIGATION (Mitigation Appendices CR-1 through CR-11 of the Resolution)</b>						
Mitigation Appendix CR-1, Excavation Permit, p. 24 of 28	Applicant shall make application for an Excavation Permit with the Pueblo County Public Works Department (Department) for each road crossing and comply with all conditions of that permit	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This condition is not applicable to PDC as there will be no excavation of County Roads.	None Applicable	This requirement is included in the referenced section of the specifications.	Specifications: 01 41 26, 1.02.D
Mitigation Appendix CR-2, Access Permit, p. 24 of 28	Applicant shall make application for an Access permit with the Department for each access point onto a County roadway and comply with all conditions of that permit.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This commitment is not applicable to PDC per the following statement included in the minutes of the SDS Meeting with the Pueblo County Public Works Department held December 3, 2009. "Access to Pueblo Dam will be from State Hwy 96 and Juniper Rd. Since those are state roads, Pueblo County has no jurisdiction over access to Pueblo Dam. However, the contractor accessing the Dam site cannot deviate from state roads or designated Pueblo County haul route roads."	None Applicable	This requirement is included in the referenced section of the specifications.	Specifications: 01 41 26, 1.02.D

**ATTACHMENT A**

Pueblo County 1041 Permit No. 2008-002 Compliance Documentation Matrix

Note: All sub-headers and conditions listed in columns 1 and 2 of the table below are taken verbatim from the 1041 Permit document.

1041 CONDITION		PROGRAMMATIC	WORK PACKAGE 1A: PUEBLO DAM CONNECTION	WORK PACKAGE: S2 Pipeline						
1041 Permit Section	1041 Condition	Documentation of Compliance	Documentation of Compliance	Construction Document References						
Mitigation Appendix CR-3, Traffic Control Plan, p. 24 of 28	Applicant shall submit a Traffic Control Plan to the Department for review and approval, for the project which conforms to applicable standards of the Manual on Uniform Traffic Control Devices.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This condition is not applicable to PDC as there are no Pueblo County roadways included on the designated haul route for construction-related traffic.	None Applicable	This requirement is included in the referenced section of the specifications.	Specifications: 01 55 26, 3.03.A				
Mitigation Appendix CR-3, Project Detail, Item 1, p. 24 of 28	The traffic control plan shall be developed and administered by a certified Traffic Control Supervisor or their authorized personnel.			This requirement is included in the referenced sections of the specifications.	Specifications: 01 55 26, 3.03.A and 3.04					
Mitigation Appendix CR-4, Plan - Route / Easement Construction Staging Area, p. 24 of 28	Applicant shall provide a plan to the Department defining the use of the pipeline route/easement as a construction "Staging Area" for approval.			For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This commitment is not applicable to PDC per the following statement included in the minutes of the SDS Meeting with the Pueblo County Public Works Department held December 3, 2009. "For the Pueblo Dam Connections, Pueblo County has no jurisdiction over the Bureau of Reclamation and required Bureau permits. The only Pueblo County Permit that may be required is the Pueblo County Floodplain/Flood Hazard Area Development Permit."	None Applicable	Designated staging areas are shown along the pipeline easement on the referenced drawings.	Drawings: S2-G-6 through S2-G-9		
Mitigation Appendix CR-4, Project Detail, Item 1, p. 25 of 28	The Staging Area Plan shall define construction work times, material delivery hours, noise suppression, dust abatement, construction methods, and other mitigation of construction nuisances. Deviation from the plan will require approval by the Department prior to a change in use.					The S2 staging areas are shown in the referenced drawings. The approved Staging Area Plan was submitted to Pueblo County on June 16, 2011.	None Applicable			
Mitigation Appendix CR-5, Haul Route Plan, p. 25 of 28	Applicant shall provide a Haul Route Plan, for use of the public road system to provide access to the Staging Area/pipeline easement, to the Department for review and approval.					For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This commitment is not applicable to PDC per the following statement included in the minutes of the SDS Meeting with the Pueblo County Public Works Department held December 3, 2009. "Access to Pueblo Dam will be from State Hwy 96 and Juniper Rd. Since those are state roads, Pueblo County has no jurisdiction over access to Pueblo Dam. However, the contractor accessing the Dam site cannot deviate from state roads or designated Pueblo County haul route roads."	None Applicable	The Haul Route Plan, approved in January 2009, is shown in the referenced drawings.	Drawings: S2-G-5 through S2-G-9
Mitigation Appendix CR-5, Project Detail, Item 1, p. 25 of 28	The Haul Route Plan will identify the roads utilized by the applicant for construction vehicle traffic, maintenance of those roads during the project and rehabilitation of those roads. For the purpose of this plan, "construction vehicle" shall mean those vehicles requiring operators to possess a Commercial Drivers License (CDL) and/or weighting more than 10,001 pounds.							This requirement is included in the referenced sections of the specifications.	Specifications: 01 14 13, 1.02.B 01 55 26, 1.03.E	
Mitigation Appendix CR-5, Project Detail, Item 2, p. 25 of 28	The Haul Route Plan shall identify the final treatment for utilized roads and be developed cooperatively between Colorado Springs Utilities and the Department.							Colorado Springs Utilities will coordinate with Pueblo County on this item.	None Applicable	
Mitigation Appendix CR-5, Project Detail, Item 3, p. 25 of 28	The roads utilized in the Haul Route Plan shall be maintained by the applicant during pipeline construction periods such that they are passable by the motoring public at all times except when identified in an approved Traffic Control Plan as "Closed" or as otherwise approved by the Department.							This requirement is included in the referenced sections of the specifications.	Specifications: 01 14 13, 1.02.B.3 01 55 26, 1.03.E	
Mitigation Appendix CR-5, Project Detail, Item 4, p. 25 of 28	All road rehabilitation and maintenance work on the Haul Route Plan roads shall comply with the Pueblo County Roadway Design and Construction Standards.							This requirement is included in the referenced sections of the specifications.	Specifications: 01 14 13, 1.02.B.4 01 55 26, 1.03.E	
Mitigation Appendix CR-5, Project Detail, Item 5, p. 25 of 28	Costs for maintenance of the Haul Route Plan roads shall be borne solely by the applicant.							This requirement is included in the referenced sections of the specifications.	Specifications: 01 14 13, 1.02.B.2 01 55 26, 1.03.E	
Mitigation Appendix CR-5, Project Detail, Item 6, p. 25 of 28	The applicant shall initiate maintenance at the discretion of the Pueblo County Director of Public Works.	Noted	None Applicable							
Mitigation Appendix CR-6, Haul Route to Staging Area, p. 25 of 28	Applicant shall limit the haul route from the "Staging Area" to the State Highway System to those roads identified in the above defined "Haul Route Plan Map" dated 12-31-08 ("Exhibit 1" and Haul Route Plan Road Table "Exhibit 2") or Haul Route Plan approved by the Department prior to commencement of pipeline installation activities that require use of roads identified in the Haul Route Plan.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This commitment is not applicable to PDC per the following statement included in the minutes of the SDS Meeting with the Pueblo County Public Works Department held December 3, 2009. "Access to Pueblo Dam will be from State Hwy 96 and Juniper Rd. Since those are state roads, Pueblo County has no jurisdiction over access to Pueblo Dam. However, the contractor accessing the Dam site cannot deviate from state roads or designated Pueblo County haul route roads."					Specifications: 01 50 00 Plans: Drawing 382-D-5341	This requirement is included in the referenced drawings and sections of the specifications.	Drawings: S2-G-5 through S2-G-9 Specifications: 01 14 13, 1.02.B 01 55 26, 1.03.E
Mitigation Appendix CR-6, Project Detail, Item 1, p. 25 of 28	Said plan shall be incorporated within construction plan and specification documents. Identification by the applicant of additional roads they desire to be included in the Haul Route Plan for dedicated project uses will require approval by the Department.									
Mitigation Appendix CR-6, Project Detail, Item 2, p. 26 of 28	The Department may include roads in the plan if it is determined that they are being used by the applicant's representative or their contractor by above identified "construction vehicles".			The haul route plan is included in the referenced sections of the construction documents.						
Mitigation Appendix CR-6, Project Detail, Item 3, p. 26 of 28	The Department will notify the applicant, prior to inclusion in the Haul Route Plan, of the observed use of non Haul Route Plan roads. Incidental use of roads not specifically designated on the Haul Route plan is approved for the applicant, their representatives or contractor's vehicles weighing less than 10,001 pounds and/or not requiring a CDL license.									
Mitigation Appendix CR-7, Cash Payment/Escrow/Other Financial Instrument, p. 26 of 28	Applicant shall establish a cash payment, escrow, or other financial instrument such as a performance bond, acceptable to the Department and the Pueblo County Attorney, to Pueblo County, in an amount estimated by the Department to cover the total costs for rehabilitation of the roads identified in the approved Haul Route Plan (currently estimated at approximately \$6.1 million) plus estimated increases in costs over time as represented by the Construction Cost Index, to Pueblo County Roadway design and Construction Standards (Standards) as noted in "Exhibit 4" within thirty days of the applicant issuing a notice to proceed to its contractors to perform pipeline installation activities that require use of roads identified in the Haul Route Plan.			For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This commitment is not applicable to PDC per the following statement included in the minutes of the SDS Meeting with the Pueblo County Public Works Department held December 3, 2009. "Access to Pueblo Dam will be from State Hwy 96 and Juniper Rd. Since those are state roads, Pueblo County has no jurisdiction over access to Pueblo Dam. However, the contractor accessing the Dam site cannot deviate from state roads or designated Pueblo County haul route roads."	None Applicable	Colorado Springs Utilities will provide a financial instrument in fulfillment of this requirement no later than 30 days of issuing a Notice to Proceed for this work package. This requirement is noted in the referenced section of the specifications.	Specifications: 01 14 13, 1.02.B.2		
Mitigation Appendix CR-7, Project Detail, Item 1, p. 26 of 28	If a financial instrument is selected, said financial instrument shall be held by Pueblo County until such time as the rehabilitation of Haul Route Plan roads are accepted by the County.									
Mitigation Appendix CR-7, Project Detail, Item 2, p. 26 of 28	The financial instrument is to be for an amount sufficient to cover the estimated costs established in "Exhibit 4", for rehabilitation of the Haul Route Plan roads plus estimated increases in costs over time as represented by the Construction Cost Index.									
Mitigation Appendix CR-7, Project Detail, Item 3, p. 26 of 28	It will be at the discretion of the Public Works Director to determine when it is necessary to commence rehabilitation of individual roads identified in the Haul Route Plan.									
Mitigation Appendix CR-7, Project Detail, Item 4, p. 26 of 28	Upon request of the Public Works Director, the applicant will be required to submit funds to the Department necessary to perform the rehabilitation of the individual roads selected by the Director of Public Works.									
Mitigation Appendix CR-7, Project Detail, Item 5, p. 26 of 28	The applicant will have 30 days to provide the requested funds to the Department. Upon such a request and payment of the funds, the applicant will be relieved of any further rehabilitation, maintenance or warranty obligation for that road section. Upon receipt of the requested funds, the total value of the financial instrument may be reduced by a same amount, less any increased cost over estimated costs in "Exhibit 4", at the discretion of the applicant.									
Mitigation Appendix CR-7, Project Detail, Item 6, p. 27 of 28	Pueblo County will commence maintenance of rehabilitated roads upon their completion and final acceptance by the County. Attached as "Exhibit 3" is the minimum defined cross-section and treatment for identified Haul Route Plan roads. The minimum pavement section may change based upon the outcome of a "Pavement Structure Design" which conforms to the Standards. In any event, all reasonable costs associated with rehabilitation of Haul Route Plan roads will be borne solely by the applicant including engineering design, construction, drainage, etc.									

ATTACHMENT A

Pueblo County 1041 Permit No. 2008-002 Compliance Documentation Matrix

Note: All sub-headers and conditions listed in columns 1 and 2 of the table below are taken verbatim from the 1041 Permit document.

1041 CONDITION		PROGRAMMATIC	WORK PACKAGE 1A: PUEBLO DAM CONNECTION		WORK PACKAGE: S2 Pipeline	
1041 Permit Section	1041 Condition	Documentation of Compliance	Documentation of Compliance	Construction Document References	Documentation of Compliance	Construction Document References
Mitigation Appendix CR-8, Drainage Calculations/Blow-off Valves, p. 27 of 28	Applicant shall provide to the Department for review and approval, drainage calculations performed by a professional engineer licensed to practice in the State of Colorado, detailed plans on the "Blow-Off Valves".	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This commitment is not applicable to PDC per the following statement included in the minutes of the SDS Meeting with the Pueblo County Works Department held December 3, 2009. "For the Pueblo Dam Connections, Pueblo County has no jurisdiction over the Bureau of Reclamation and required Bureau permits. The only Pueblo County Permit that may be required is the Pueblo County Floodplain/Flood Hazard Area Development Permit."	None Applicable	Colorado Springs Utilities submitted drainage calculations prepared by the designer for the blow-off valves on April 20, 2011. The drainage structures and erosion control measures associated with the blow-off valves are shown on the referenced drawings.	Drawings: S2-BP-1 and S2-BP-2 S2-D-1 through S2-D-5
Mitigation Appendix CR-8, Project Detail, Item 1, p. 27 of 28	The plans shall include any necessary drainage structures and erosion control measures and be incorporated into the construction plans.					
Mitigation Appendix CR-9, Stormwater Management Plan, p. 27 of 28	Applicant shall submit a Stormwater Management Plan accepted by the responsible jurisdiction to the Department and incorporate that Stormwater Management Plan into the construction plans.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	This requirement is included in the referenced section of the specifications.	Specifications: 01 57 13, 3.01 A	Colorado Springs Utilities will submit a Stormwater Management Plan to the responsible jurisdiction. The Stormwater Management Plan is referenced in the drawings and specification section listed to the right.	Drawings: S2-EC-1 through S2-EC-14 Specifications: 01 57 22
Mitigation Appendix CR-10, Future Roadways/Utilities, p. 27 of 28	Applicant shall not unreasonably prohibit the installation of future roadways and utilities across the utility easement. Future roadways are expected to be surface crossings at existing grade for a typically defined roadway section in the Pueblo County Roadway Design and Construction Standards today or as modified in the future.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	As no utility easements were acquired due to this work being completed on federal lands, this condition is not applicable to PDC.	None Applicable	The following criteria were established in order to meet this requirement: <ul style="list-style-type: none"> <li>Set the minimum pipeline depth at 7 ft and/or maintain a similar crown elevation to the Fountain Valley Authority pipeline that the pipeline parallels at the following locations:</li> <li>Road crossings</li> <li>Pueblo West Metropolitan District properties</li> <li>Existing utility easements</li> </ul> This criteria was incorporated in the design of the pipeline that is shown in the referenced drawings.	Drawings: S2-PP-2 through S2-PP-26
Mitigation Appendix CR-10, Future Roadways/Utilities, Item 1, p. 27 of 28	Applicant shall not unreasonably prohibit the installation of future roadways and utilities across the utility easement. Future roadways are expected to be surface crossings at existing grade for a typically defined roadway section in the Pueblo County Roadway Design and Construction Standards today or as modified in the future.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	As no utility easements were acquired due to this work being completed on federal lands, this condition is not applicable to PDC.	None Applicable		
Mitigation Appendix CR-11, Final Plans/Specifications, p. 28 of 28	Applicant shall submit to Pueblo County, which reserves the right to review, the final construction plans and specifications, final Haul Route Plan, final Staging Area Plan, and other supporting documents and to modify these conditions of approval based upon that review to conform to final documents.	For the list of work packages provided in Section II, the conditions of this mitigation appendix will be addressed in each work package's construction documents (plans, specifications and contract). The work package-specific PEPs will include references to the applicable sections of the construction documents.	Due to Bureau of Reclamation confidentiality requirements for Pueblo Dam, the PDC (Work Package 1A) final plans and specifications have not been formally submitted to Pueblo County. Per the responses to Mitigation Appendices CR-4 and CR-5, the submittal of a final Haul Route Plan and final Staging Area Plan are not applicable to PDC. However, a Haul Route Plan is included in the construction documents.	None Applicable	Colorado Springs Utilities submitted the 100% design specifications and drawing, previously approved Haul Route Plan, and Staging Area Plan and other supporting documentation to Pueblo County on April 20, 2011. The draft Staging Area Plan was finalized on June 16, 2011.	None Applicable

# Dewatering Activities & Excavation Locations in Pueblo County

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Excavation and dewatering activities occurred at Pueblo Dam during the reporting period. Approximately 3,000 cubic yards of material were excavated. Following construction of the coffer dam, dewatering activities of the river channel within the coffer dam commenced.

# Work Outside Normal Work Hours Log

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During the reporting period, work outside of normal working hours occurred on four Saturdays as described in the attached log.

## ATTACHMENT 7

### Work Outside Normal Working Hours

Day	Date	Hours Worked	Reason
Saturday	5/14/2011	7 am - 6 pm	Excavation and Dewatering Activities
Saturday	6/4/2011	7 am - 6 pm	Excavation and Dewatering Activities
Saturday	6/18/2011	7 am - 6 pm	Excavation and Dewatering Activities
Saturday	6/25/2011	7 am - 6 pm	Excavation and Dewatering Activities