



Received by Department of
Planning and Development
March 9, 2012

March 7, 2012

Ms. Julie Ann Woods
Director of Planning & Development
Pueblo County
229 West 12th Street
Pueblo, CO 81003-2810

Subject: **Southern Delivery System (SDS) – Construction Permits for South Raw Water Pipeline Segments**

Dear Ms. Woods,

On behalf of the SDS Project Participants and pursuant to the Pueblo County 1041 Permit No. 2008-002, Mitigation Appendix Condition C-7, No. 2 - Permitting, we have enclosed copies of the following permits obtained by Colorado Springs Utilities and our General Contractors for the SDS Project for your records:

South 1 (S1):

- Colorado Department Public Health and Environment (CDPHE) General Construction Permit for Land Development Projects (issued to HCP Constructors, Inc.)
- US Bureau of Reclamation Special Use Permit No. 11-LM-60-0788 (issued to Colorado Springs Utilities)
- CDPHE Asbestos Abatement Approval Notice (issued to Eagle Environmental Services Corp.)
- Pueblo County Right-of-Way Excavation Permits 120280 and 120281 (accepted by Pueblo County Engineering and Public Works)
- SDS S2 Water Control Plan (Dewatering Plan) prepared by HCP Constructors, Inc.

South 3 (S3):

- CDPHE General Construction Permit for Land Development Projects (issued to Reynolds, Inc.)
- CDPHE Construction Permit No. 11PO3617 for CLSM/Concrete Mix Batch Plant (issued to MK1 Construction Services)

As per your letter to John Fredell, dated Dec. 14, 2011 we are submitting this correspondence to you, and as you indicated, you will forward the correspondence accordingly. If you have any questions regarding this report, please feel free to contact me directly at 719-668-8667.

Sincerely,

Allison Mosser
Permitting and Compliance
Southern Delivery System

Attachments:

Letters and permits for indicated construction activities

Cc: (without enclosures)

Keith Riley, SDS Planning and Permitting Program Manager, Colorado Springs Utilities

STATE OF COLORADO

John W. Hickenlooper, Governor
Christopher E. Urbina, MD, MPH
Executive Director and Chief Medical Officer

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S. Laboratory Services Division
Denver, Colorado 80246-1530 8100 Lowry Blvd.
Phone (303) 692-2000 Denver, Colorado 80230-6928
Located in Glendale, Colorado (303) 692-3090
<http://www.cdphe.state.co.us>



Colorado Department
of Public Health
and Environment

JAN 12 2012

Jake Michel
HCP Constructors
1850 Platteville Blvd.
Pueblo West, CO 81007

RE: Land Development GP03 General Permit Approval for Package #264587

Dear Mr. Michel,

The Colorado Air Pollution Control Division approves land development general permit registration for the sites listed in the table below. Please refer to general permit GP03 for all applicable requirements, limitations, terms and conditions. A copy of the general permit may be obtained via the Internet at the following web address:

<http://www.cdphe.state.co.us/ap/down/generalpermGP03.pdf>

AIRS ID	Site Name	Actual Location	City	County	Approval Expiration
102/0026/001	Southern Delivery System S1 Pipeline	Sec 13 T20S 65W	-	Pueblo	12/22/2016 12:00:00 AM

If you have any questions regarding this letter, please contact me directly at (303) 691-4092.

Sincerely,

KC Houlden
Permit Engineer
Stationary Sources Program
Air Pollution Control Division

REC'D JAN 18 2011
Page 1 of 1

102/0026/001

STATE OF COLORADO

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
AIR POLLUTION CONTROL DIVISION
TELEPHONE: (303) 692-3150



GENERAL CONSTRUCTION PERMIT

Land Development Projects

PERMIT NO: GP03

FINAL APPROVAL
Modification 1

R K Hancock III, P.E.
Permitting Section Supervisor

November 10, 2009
Date Issued

Note: See the Land Development General Permit Guidance document available through the Division's Small Business Assistance Program for further information on demonstrating compliance with the requirements of this permit.

I. General Permit Applicability

- I.A. The owner or operator of any land development activity that can comply with all of the operating conditions described in Section II of this permit and meet all requirements of this Section I may register for this general permit.
- I.B. Land development refers to all land clearing activities, including but not limited to land preparation such as excavating or grading, for residential, commercial, or industrial development, or oil and gas exploration and production. Land development does not include mining operations or the disturbance of contaminated soils.
- I.C. Land development activities that are less than 25 contiguous acres and less than 6 months in duration are exempt from permitting and do not need to report air emissions to the Division. For these projects, operators must use appropriate control measures to minimize the release of fugitive dust from the site.

II. Operating Terms and Conditions

II.A. Emission Limitations

- II.A.1. Project will not exceed 1850 acres in size. Any project over 1850 acres will be subject to a Construction Permit and Public Notice proceedings.

II.B. General Operating Conditions

II.B.1. Particulate emissions Control Plan

- II.B.1.a. THE FOLLOWING PARTICULATE EMISSIONS CONTROL MEASURES SHALL BE USED FOR ENFORCEMENT PURPOSES ON THE SOURCES COVERED BY THIS PERMIT, AS REQUIRED BY THE AIR QUALITY CONTROL COMMISSION REGULATION NO 1. THIS SOURCE IS SUBJECT TO THE FOLLOWING EMISSION GUIDELINES:

II.B.1.a.(i) All Activities - Visible emissions not to exceed 20%, no off-property transport of visible emissions.

II.B.1.a.(ii) Haul Roads - No off-property transport of visible emissions shall apply to on-site haul roads, the nuisance guidelines shall apply to off-site haul roads.

II.B.1.a.(iii) Haul Trucks - There shall be no off-property transport of visible emissions from haul trucks when operating on the property of the owner or operator. There shall be no off-vehicle transport of visible emissions from the material in the haul trucks when operating off of the property of the owner or operator.

II.B.1.b. Control Measures

II.B.1.b.(i) All unpaved roads and other disturbed surface areas on site must be watered as necessary to prevent off-property transport of visible fugitive particulate emissions.

II.B.1.b.(ii) Vehicle speed on all unpaved roads and disturbed areas shall not exceed a maximum of 30 mph. Speed limit signs shall be posted.

II.B.1.b.(iii) No earthwork activities shall be performed when the wind speed exceeds 30 miles per hour.

II.B.1.b.(iv) All disturbed surface areas shall be revegetated within one year and according to the information submitted by the applicant with the permit application.

II.B.1.b.(v) Gravel entryways shall be utilized to prevent mud and dirt carryout onto paved surfaces. Any mud and dirt carryout onto paved surfaces shall be cleaned up daily.

II.B.1.c. Other control measures *recommended* by the Division, but *not required* for general permitting

II.B.1.c.(i) Foundation soil shall be compacted on a daily basis to within 90% of maximum compaction.

II.B.1.c.(ii) Silt fencing shall be installed prior to overlotting along all property borders that are adjacent to developed areas.

II.B.1.c.(iii) Surface area disturbed shall be minimized as described in the information submitted by the applicant with the permit application.

III. General Recordkeeping

III.A. The records in this section shall be maintained on site.

III.B. The current version of this general construction permit.

III.C. The most recently submitted Air Pollutant Emission Notice (APEN).

III.D. The general permit registration approval letter.

IV. General Permit Terms and Administration

IV.A. General Terms

IV.A.1. Land development owner/operator agreement to Particulate Emissions Control Plan (II.B.1) will result in issuance of general permit approval letter.

IV.A.2. A land development general permit will be valid for five (5) years from the initial date of the approval letter issuance. Any project exceeding five years will be required to file an APEN update after five years.

IV.A.3. One APEN will be submitted per project. Multiple phases may be covered under a single APEN provided that the entire project is less than the 1850 acres.

IV.A.4. APEN and General Permit Fees

IV.A.4.a. Total fees for a land development APEN and General Permit will be \$202.90. These fees will arise from two sources:

IV.A.4.a.(i) An APEN filing fee in the amount of \$152.90 per APEN filed (Please note that the APEN filing fee is subject to change by the Colorado State Legislature) and

IV.A.4.a.(ii) A general permit fee of \$50.00 for each APEN filed.

IV.A.5. A revised Air Pollutant Emission Notice (APEN) shall be filed: (Reference: Regulation No. 3, Part A, Section II.C.)

IV.A.5.a. Whenever there is a change in the owner or operator of any facility, process, or activity; or

IV.A.5.b. No later than 30 days before the five-year term of the existing APEN expires.

IV.A.6. This permit is granted subject to all rules and regulations of the Colorado Air Quality Control Commission and the Colorado Air Pollution Prevention And Control Act C.R.S. (25-7-101 et seq), to those general and specific terms and conditions included in this document.

IV.A.7. Unless specifically stated otherwise, the general and specific conditions contained in this permit have been determined by the Division to be necessary to assure compliance with the provisions of Section 25-7-114.5(7)(a), C.R.S.

IV.A.8. Each and every condition of this permit is a material part hereof and is not severable. Any challenge to or appeal of, a condition hereof shall constitute a rejection of the entire permit and upon such occurrence, this permit shall be deemed denied ab initio.

IV.A.9. Violation of the terms of a permit or of the provisions of the Colorado Air Pollution Prevention and Control Act or the regulations of the AQCC may result in administrative, civil or criminal enforcement actions under Sections 25-7-115 (enforcement), -121 (injunctions), -122 (civil penalties), -122.1 (criminal penalties), C.R.S.

IV.A.10. Registration under this permit is approved in reliance upon the accuracy and completeness of information supplied by the applicant and is conditioned upon operation of the source, in accordance with this information and with representations made by the applicant or applicant's agents. It is valid only for the equipment and operations or activity specifically identified on the general permit registration.

IV.B. Registration Certification

IV.B.1. Conditional certification of a registration under this general permit is effective from the date the complete registration request is received by the Division. A complete registration request consists of all General Permit application materials required by the Division including, but not limited to, an impact analysis that demonstrates, that the APEN requested emissions from the proposed source or modification will not cause or contribute to concentrations of air pollutants in ambient air in violation of any applicable state or national ambient air quality standard. The owner or operator may commence construction and operation of the land development project as represented in the registration upon submission of the completed registration request. In the

event the land development project does not qualify for registration under the general permit or is demonstrated to violate an applicable ambient air quality standard, the owner or operator accepts the liability of commencing these activities.

IV.C. Registration Modification

IV.C.1. In order to modify operations under the general permit, the owner or operator must submit a new general permit application and APEN to the Division. This application will detail the changes being made to the project. Reasons for submitting a modification include, but are not limited to:

IV.C.1.a. Increase in project size resulting in greater emission.

IV.C.1.b. Increase in the duration of the project resulting in fugitive particulates being released longer than initially reported.

IV.C.1.c. An increase in the amount of paving being performed on the site.

IV.C.1.d. A decrease in dust control measures being implemented from those initially reported.

IV.D. Registration Revision / Termination

IV.D.1. The Division may deny or revoke registration under the general permit under the circumstances specified in Regulation No. 3, Part B, Section III.I.3.c.

IV.D.2. A registration under this general permit may be reissued to a new owner by the Division as provided in Regulation No. 3, Part B, Section II.B. upon a request for transfer of ownership and the submittal of a revised APEN and the required fees.

IV.D.3. Registration under this general permit is voluntary. The permittee may withdraw or cancel a registration under this general permit at any time by notifying the Division in writing.

IV.E. General Permit Revision / Termination

IV.E.1. This general permit remains in effect until revised or terminated by the Division in accordance with the provisions of Regulation No. 3.

IV.E.2. After public notice and comment as provided by Regulation No. 3, Part B, Section III.I.7., the Division may revise this general permit in order to add or delete requirements or limitations to the permit. This public notice shall be conducted in a manner consistent with the provisions of Regulation No. 3, Part B, Section III.C.4.

IV.E.3. If a revised general permit is issued by the Division, any existing registration to use the general permit will be automatically converted to a registration to use the revised general permit, provided that the permittee continues to meet all requirements of the revised general permit. Persons not wishing to continue coverage under the revised general permit shall have the option of applying for an individual permit as required by Regulation No. 3, Part B.

IV.E.4. If the Division terminates this general permit, it will provide written notice to affected registrants prior to the termination of the general permit. The notice will advise registrants that they must apply for an individual permit as required by Regulation No. 3, Part B.

Permit History

Final Approval issued October 17, 2008.

Modification 1: Removal of requirement that owner or operator receive Division approval prior to commencement of project.



United States Department of the Interior

BUREAU OF RECLAMATION
Great Plains Region
Eastern Colorado Area Office
11056 West County Road 18E
Loveland, Colorado 80537-9711

IN REPLY REFER TO:

EC-1310
LND-6.00 (SDS)

JAN 17 2012

Keith Riley
Colorado Springs Utilities
P.O. Box 1103 MC: 930
Colorado Springs, CO 80947

Subject: Special Use Permit No. 11-LM-60-0788 – Installation of the Southern Delivery System
South 1 Pipeline on Bureau of Reclamation Lands – Pueblo Reservoir – Fryingpan-
Arkansas Project, Colorado

Dear Mr. Riley:

Enclosed is a fully executed Special Use Permit authorizing Colorado Springs Utilities to utilize Bureau of Reclamation acquired lands at Pueblo Reservoir for the Southern Delivery System Raw Water Pipeline South 1 and associated facilities.

Thank you for your cooperation and assistance on this matter. Should you have any questions, please contact Tara Piper at 970-962-4381.

Sincerely,

Michael P. Collins
Area Manager

Enclosure -1 copy

cc: Eric Spain
Fountain Valley Authority
P.O. Box 1103, Mail code 0045
Colorado Springs, CO 80947-0045

Brad Henley
Park Manager
Lake Pueblo State Park
640 Pueblo Reservoir Road
Pueblo, CO 81005

01-25-12A08:39 RCVD



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
GREAT PLAINS REGION

Special Use Permit

Contract Number: 11-LM-60-0788

Exhibits Attached: A, B, C, D, E, and F
(Place Contract No. on all Exhibits)

Term: (Not to Exceed 50 Years)

From: November 25, 2011

To: November 25, 2036

Permit Fee: \$ Waived 43 CFR Part 429, Subpart F

Successive Fee: \$ _____

Permittee:

Colorado Springs Utilities
121 South Tejon Street
P.O. Box 1103, MC 930
Colorado Springs, CO 80947-0930

Purpose: (Specify use requested: what, quantities, dimension, etc.)

The Bureau of Reclamation authorizes Colorado Springs Utilities to install, operate, and maintain a 66-inch welded steel pipeline and three 1.25-inch HDPE fiber optic lines for a distance of approximately 2,500 feet, as part of the Southern Delivery System, South 1 Raw Water Pipeline (S1) on Reclamation land. The S1 pipeline will be installed at a minimum depth of 5 feet and a maximum depth of 85 feet. Construction of S1 pipeline and fiber optic lines will extend from approximately 140 feet south of the Juniper Road, near Pueblo Dam, north to the Reclamation boundary line, and will include one crossing of the Fountain Valley Conduit.

Description of Premises: (Specify legal descriptions of land and major features such as reservoir, canal, etc.)

A 100 foot wide corridor is permitted for routine operation and maintenance (O&M), approximately 5.7 acres. A 50 foot wide temporary construction corridor, adjacent to the O&M corridor, is permitted for construction activities. Four staging areas are permitted for materials storage and construction activities. The permitted temporary construction corridor and staging areas total approximately 8.3 acres (Exhibit C and D). The project is located in Section 25 and 36, Township 20 South, Range 66 West, Pueblo County, Colorado (Exhibit B).

Special Conditions:

See attached Exhibit A.

The Permittee hereby accepts this permit subject to the terms, covenants, obligations and reservations, expressed or implied herein.

Sign name or names as written in body of permit; for co-partnership, permittees should sign as "members of firm;" for corporation, the officer authorized to execute contracts, etc., should sign, with title the sufficiency of such signatures being attested by the Secretary, with corporate seal, in lieu of witness.

ASSIGN / MANAGING AGENCY

AGENCY _____

SIGNATURE _____

TITLE _____

ATTEST _____

DATE _____

PERMITTEE Colorado Springs Utilities

SIGNATURE [Signature]

TITLE Planning & Permitting Program Mgr.

ATTEST Allison Innes

DATE Jan. 5, 2012

Michael P. Collins, Area Manager, Eastern Colorado Area Office

Approved by Issuing Officer, (Name and Title)

Signature [Signature]

Date 1/17/2012

Finance Copy (White)

Permittee Copy (Green)

Lands Copy (Yellow)

Managing Agency Copy (Pink)

Issuing Office Copy (Gold)

GENERAL CONDITIONS

Authority to issue permits by the United States is contained in the Act of Congress of June 17, 1902 (32 Stat. 388), and acts amendatory thereto or supplementary thereto; particularly section 10 of the Act of August 4, 1939 (53 Stat. 1196), as amended by the Act of August 18, 1950 (64 Stat. 463; 43 U.S.C. 387); and 43 CFR 429.

This permit is issued as authorized by Reclamation Law and subject to all conditions contained herein.

- 1. Payments.** All payments shall be made to the issuing office of the Bureau of Reclamation on or before the date of issue by a postal money order or a check made payable to the Bureau of Reclamation (Reclamation).
- 2. Use Limitations.** The permitted use: (a) is limited to the purposes and Premises herein specified; (b) does not unless specified in the permit grant any rights to water, (c) does not unless provided for in the permit allow restriction of public entry or uses or to the area; (d) is subject to existing easements, rights-of-way, or reservations; (e) is subject to the right of Reclamation to grant other permits for the same premises upon a finding by the Issuing Officer that the additional use is compatible with the use permitted herein; and shall not impede Reclamation, its agents or assigns from carrying on whatever activities are necessary, to: (1) protect and maintain the premises, facilities, and adjacent lands administered by the United States and its agencies and (2) manage all resources located on the premises and other Reclamation lands.
- 3. Damages.** The United States shall not be responsible for any loss or damage to property arising from the issuance of this permit, including but not limited to damages to growing crops, animals, and machinery; or injury to the Permittee or its associates, officers, agents, employees, or any third parties who are on the premises; or for damages or interference caused by natural phenomena. To the extent permitted by law, the Permittee agrees to save the United States and any of its assigns or agents, harmless from any and all claims by the Permittee, or by third parties, for damages or losses that may arise from or be incident to any activity associated with this permit; except damages caused by the negligent or wrongful act of a Government employee.
- 4. Operating Rules and Laws.** The Permittee shall keep the premises in a neat and orderly condition at all times and shall comply with all municipal, county, state, and federal laws, rules, and regulations applicable to their operations under the permit. Also, the Permittee shall take all reasonable precautions to prevent the escape of fires and to suppress fires and shall render all reasonable assistance in the suppression of fires.
- 5. Responsibility of Permittee.** The Permittee, by operating on the premises, shall be considered to have accepted these premises with all the facilities, fixtures, or improvements in their existing condition as of the date of this permit. At the end of period specified or upon earlier termination, the Permittee shall give up the premises in like condition as when received except for reasonable wear, tear, or damage occurring without fault or negligence. The Permittee will fully repay Reclamation for any and all damage, directly or indirectly, resulting from the Permittee's negligence or failure to use reasonable care.
- 6. Revocation.** (a) Violation: This permit may be revoked on the tenth day following written notice to the Permittee upon a finding by Reclamation that the Permittee has violated any of the terms herein or made use of the premises for purposes not herein prescribed: Provided that if said violation or nonprescribed use of the premises ceases within 10 days of receipt of notice, the Permittee will be allowed to maintain occupancy under this permit.
(b) Non-use and project purposes: This permit may also be revoked with 30 days written notice to the Permittee upon a finding by Reclamation that:
(1) The Permittee has failed to use or discontinued use of the premises or
(2) The premises are needed for project purposes.
(c) Possession: Upon any such revocation, Reclamation, by and through any authorized representative may take possession of said premises for its own and sole use in accordance with Section 10.
- 7. Cultural Values.** Should evidence of historical, archaeological, or paleontological sites be discovered during use of the premises, the Permittee immediately shall suspend operations and advise the issuing officer.
- 8. Compliance.** Failure of Reclamation to insist upon strict compliance with any of this permit's terms, conditions, and requirements shall not constitute a waiver or relinquishment of Reclamation's right to thereafter enforce any of permit's terms, conditions, or requirements.
- 9. Termination.** At the termination of this permit, the Permittee shall immediately give up possession to Reclamation, reserving, however, the rights specified in Paragraph 10. Upon failure to do so, the Permittee shall pay the Government, as liquidated damages, an amount double the rate specified in this permit for the entire time possession is retained. The acceptance of any fee for liquidated damages or any other act of administration relating to the continued tenancy is not to be considered as an approval of the Permittee's possession.
- 10. Removal of Permittee's Property.** Upon the expiration, termination, or revocation of this permit, if all rental charges and damage claims due the Government have been paid, the Permittee may remove all structures, machinery, or other property from the premises. Upon failure to remove any of the said property within 60 days of expiration, termination, or revocation, it shall become the property of the United States and the Permittee shall pay the United States for all expenses related to property removal.
- 11. Transfer of Privileges.** This permit is not transferable.
- 12. Refunds.** All money paid under this permit shall be retained by the Government. If Section 6(b)(2) is exercised, the fee paid under this permit shall be refunded by a prorata share as determined by Reclamation.
- 13. Official Barred from Participating.** No Member of Congress or Resident Commissioner shall participate in any part of this contract or to any benefit that may arise from it, but this provision shall not pertain to this contract if made with a corporation for its general benefit.
- 14. Nondiscrimination in Employment.** The Permittee agrees to be bound by the equal opportunity clause of Executive Order 11246.
- 15. Liability.** The permitted activities shall be conducted so as not to interfere with the operation, maintenance, and administration of Reclamation Projects. Any additional repairs, maintenance, or expense to Reclamation Projects as a result of the permitted activities shall be reimbursed to the United States by the Permittee. The Permittee may review such expenses; however, the Secretary of the Interior's determination of such expense shall be final and binding upon the parties hereto.
- 16. Trespass.** Any use of the premises not herein prescribed shall be considered a trespass. Any violation or trespass on any Reclamation lands by the Permittee shall be cause for revocation of this permit, in accordance with Section 6.(a). The Permittee shall be liable for any damages resulting therefrom, and an approximate charge as determined by the issuing officer shall be made to the Permittee. Any property constructed in trespass shall be considered property of the United States, and the Permittee shall pay the United States for all expenses related to property removal.
- 17. Disclosure.** In accordance with the Privacy Act of 1974 (PL 93-579), please be advised that: (a) Participation is voluntary; however, failure to answer all questions fully may delay processing of this application or result in denial of (b) information will be used as criteria for the issuance of special use permits and for identification of personnel having special use permits on Reclamation lands; and (c) in the event there is indicated a violation of a statute, regulation, rule, order, or license, whether civil, criminal, or regulatory in nature, the requested information may be transferred to the appropriate Federal, State, or local agency charged with investigation or processing such violations.
- 18. In Addition:**
(a) The (Contractor) shall comply with all applicable Federal, State, and local laws and regulations, and Reclamation policies and instructions, existing or hereafter enacted or promulgated, concerning any hazardous material that will be used, produced, transported, stored, or disposed of on or in lands, waters, or facilities owned by the United States or administered by Reclamation.
(b) "Hazardous material" means any substance, pollutant or contaminant listed as hazardous under the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended. 42 U.S.C.-1901. et. seq., o and the regulations promulgated pursuant to the Act.
(c) The (Contractor) may not allow contamination of lands, waters or facilities owned by the United States or administered by Reclamation by hazardous materials, thermal pollution, refuse, garbage, sewage effluent, industrial waste, petroleum products, mine tailings, mineral salts, pesticides (including but not limited to, the misuse of pesticides, pesticide containers or any other pollutants.
(d) The (Contractor) shall report to Reclamation, within 24 hours of its occurrence, any event which may or does result in pollution or contamination adversely affecting lands, water or facilities owned by the United States or administered by Reclamation.
(e) Violation of any provisions of this Article shall constitute grounds for immediate termination of this permit and shall make the (Contractor) liable for and the cost of full and complete remediation and/or restoration of any Federal resources or facilities that are adversely affected as a result of the violation.
(f) The (Contractor) agrees to include the provision contained in paragraphs (a) through (e) of this Article in any subcontract or third party contract it may enter into pursuant to the permit.
(g) Reclamation agrees to provide information necessary for the (Contractor), using reasonable diligence, to comply with the provision of this Article.

Special Use Permit 11-LM-60-0788
Exhibit A

1. The Permittee will construct the proposed S1 pipeline and associated facilities as described in the attached drawings and limit all construction activities within the permit area, as shown in Exhibits B and C. For the purposes of this SUP, the permit area will include the "O&M Corridor," "Temporary Construction Corridor," and "Staging Area."
2. The Permittee will comply with all federal, state, and local laws and regulations for health and safety and all other applicable laws and regulations.
3. The Permittee will consult with Colorado Division of Parks and Wildlife (CDPW) prior to construction activities, in order to minimize impacts to State Park operations. The Permittee will comply with the agreements and commitments in the existing Memorandum of Understanding (MOU), between the CDPW and Colorado Springs Utilities, dated April 4, 2011, including any modifications or extensions to the MOU.
4. The Permittee will consult with Reclamation and CDPW prior to any road closures, rerouting of traffic, or restrictions to access of public roads. The Permittee will be responsible for providing traffic control methods, such as flaggers and appropriate signage.
5. The Permittee will:
 - a. Minimize damage to existing roads and adjoining haul routes,
 - b. Not drive off improved roadways during periods of wet soil conditions, as evidenced by rutting of more than two inches in depth,
 - c. Limit vehicle access to those areas which have been previously disturbed, or have had cultural resource clearance,
 - d. Obliterate and revegetate all vehicle tracks, in areas which would not otherwise be disturbed as part of the construction, so as to not encourage unauthorized or inappropriate use of travel routes by the public.
6. The Permittee will ensure the clean up and removal of any flagging, survey markers, and trash from construction activities within 30 days of completion of construction.
7. The Permittee will follow and implement the environmental commitments during construction of S1 pipeline and associated facilities as stated in the Record of Decision for the Southern Delivery System Final Environmental Impact Statement Number GP-2009-01, dated March 20, 2009.
8. The Permittee will furnish to Reclamation, a copy of the as-built drawing and/or survey upon completion of construction. The survey shall show the exact location, size, and placement of the pipeline and appurtenant features.
9. The Permittee will be responsible to obtain all other required permits, which may be required prior to construction.
10. The Permittee is responsible for locating utilities prior to proposed construction activities.
11. The Permittee must not interfere with Reclamation's ability to fulfill its contractual obligation to deliver water through the Fountain Valley Conduit (FVC). Construction and any excavations will be performed in such a manner so as to prevent any damage to the FVC and CDPW water lines and associated facilities. Crossing activities will be in accordance with

Reclamation's Engineering and O&M Guidelines for Crossings, April 2008 (Exhibit E), and as required in a. through h. below;

- a. The Permittee will provide Reclamation a Crossing Plan for review and approval, at least three weeks prior to crossing the FVC. The plan will be reviewed and stamped by a registered professional engineer, consisting of drawings and text describing the crossings. The crossing requirements in Reclamation's Engineering and O&M Guidelines for Crossings, dated April 2008, will be incorporated in the crossing plan.
 - b. The crossing plan will include an elevation and plan view of the crossing showing all pertinent clearances and an engineering analysis showing how any excavations affect the structural support of the FVC, in a filled-with-water-condition.
 - c. A minimum clearance of 24-inches will be maintained between the proposed S1 pipeline and the FVC and the CDPW water line, as described in Reclamation's Standard Crossing and Clearance Requirements (Exhibit F). The Permittee will implement the following crossing requirements for warning tape, as described in Reclamation's Engineering and O&M Guidelines for Crossings, April 2008: 3.3 Detectable Warning Tape; 3.3.b. nonpotable water lines; and 3.3.e. telecommunication conduits.
 - d. No blasting activities are permitted for the proposed construction without prior review and written approval from Reclamation of a Blasting Plan.
 - e. Travel across the FVC pipeline will not exceed HS-15 Loading, including in the staging areas and temporary construction areas.
 - f. Planned FVC crossing activities where weight of vehicles and/or equipment exceeds the HS-15 Loading, must be reviewed by Reclamation on a case-by-case basis and may require additional protection measures.
 - g. The Permittee will notify the Fountain Valley Authority (FVA) at least three working days prior to the date of commencing work involving the installation, repair, or replacement of the S1 pipeline and associated facilities.
 - h. Reclamation and the FVA will have the right to inspect all facilities constructed within the FVC easement and subsequent repair thereof, and the applicant agrees to reimburse FVA for all administration, repair, and inspection costs incurred hereby.
12. The Permittee will restore the permit area to pre-existing conditions following completion of proposed construction activities. The Permittee will prevent erosion during and after construction using Best Management Practices and methods. This includes temporary erosion control devices, ditches, fencing, and re-vegetation with a Reclamation-approved seed mixture.
13. The Permittee will coordinate construction activities with the Union Pacific Railroad (UPRR) and provide evidence of such coordination to Reclamation, prior to operating within the UPRR easement.
14. The Permittee and its contractors will follow the above Special Conditions numbers 1 through 13 on Reclamation lands. Reclamation may suspend any activities by the Permittee and its contractors for non-compliance with the above Special Conditions, including activities that in any way interfere with or threaten to interfere with the use of Reclamation's subject lands, CDPW water lines, FVC easement, operation, maintenance, or administration of the Fryngpan-Arkansas Project.

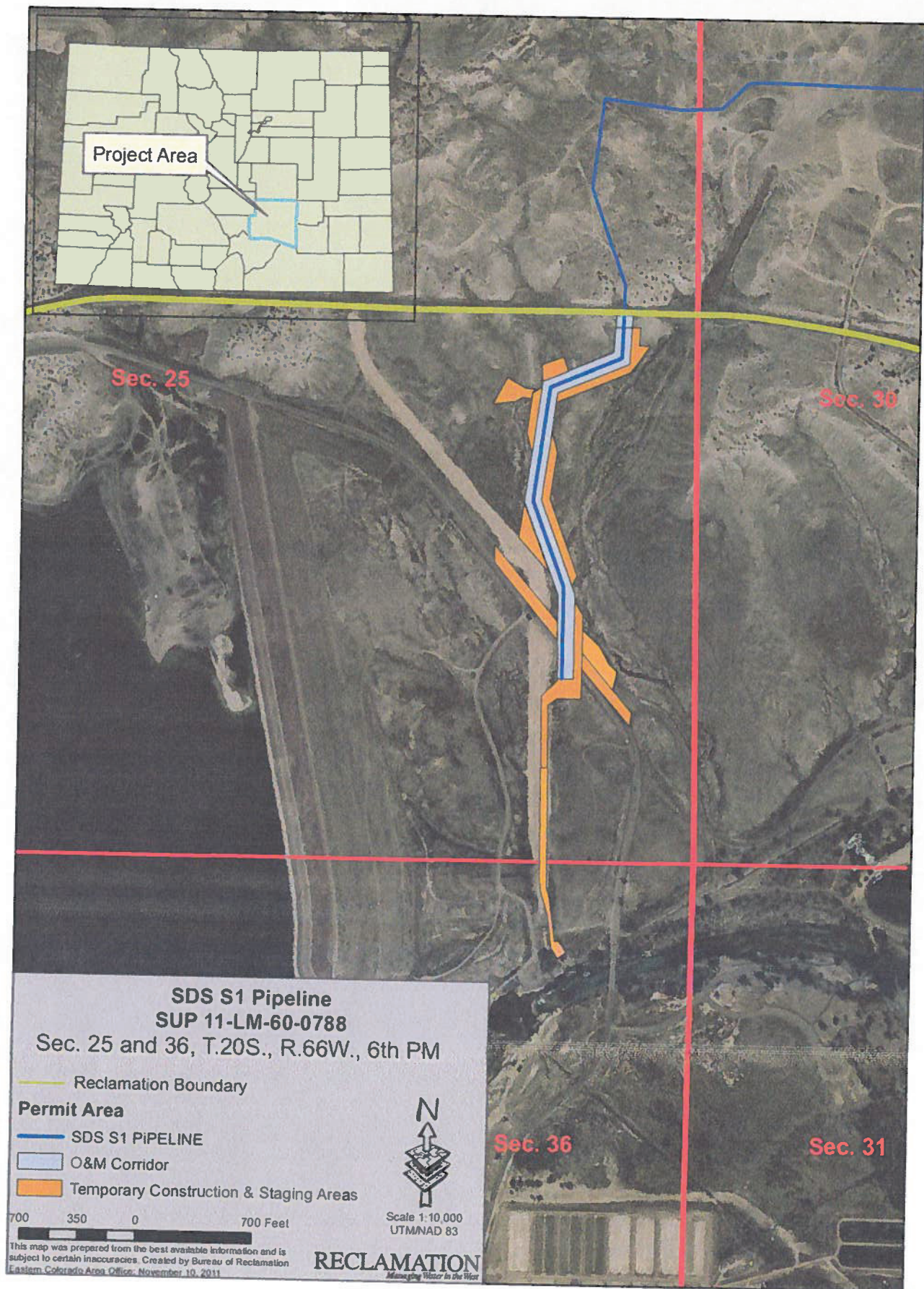


EXHIBIT B

EXHIBIT C

Note: The Terms Permanent Easement (PE) Means O&M Corridor and Temporary Construction Easement (TCE) Means Temporary Construction Corridor and Staging Area.

DOCUMENTS FOR THE CONSTRUCTION OF THE

SOUTHERN DELIVERY SYSTEM RAW WATER PIPELINE S1



Colorado Springs Utilities
It's how we're all connected



"Where Eagles Soar"

PUEBLO WEST METROPOLITAN DISTRICT



VOLUME 2 OF 2
DRAWINGS

JULY 2011



CH2MHILL

UTILITIES REPRESENTATIVE:
JED CHAMBERS
COLORADO SPRINGS UTILITIES
COLORADO SPRINGS, CO
PHONE: (719) 668-8058

ENGINEER'S REPRESENTATIVE
BRUCE SPILLER, P.E.
COLORADO SPRINGS, CO
PHONE: (719) 477-4914

1. INSTALL WORK LIMIT FENCING ALONG EACH SIDE OF CONSTRUCTION WORK LIMITS, SEE DWG 51-42.14.

FOR TRAVEL ACROSS THE PUEBLO WEST WATER PROJECT, THE CONSTRUCTION DEPT. OF COLORADO OVER THE PUEBLO WEST WATER PROJECT AND DO NOT PROVIDE A LOANING, EXTENSION OF THE PUEBLO WEST WATER PROJECT TO THE PUEBLO STATION, HOWEVER, CONSTRUCTION. IT IS A CONSTRUCTION PROJECT AND NOT A PROJECT OF THE STATE OF COLORADO.



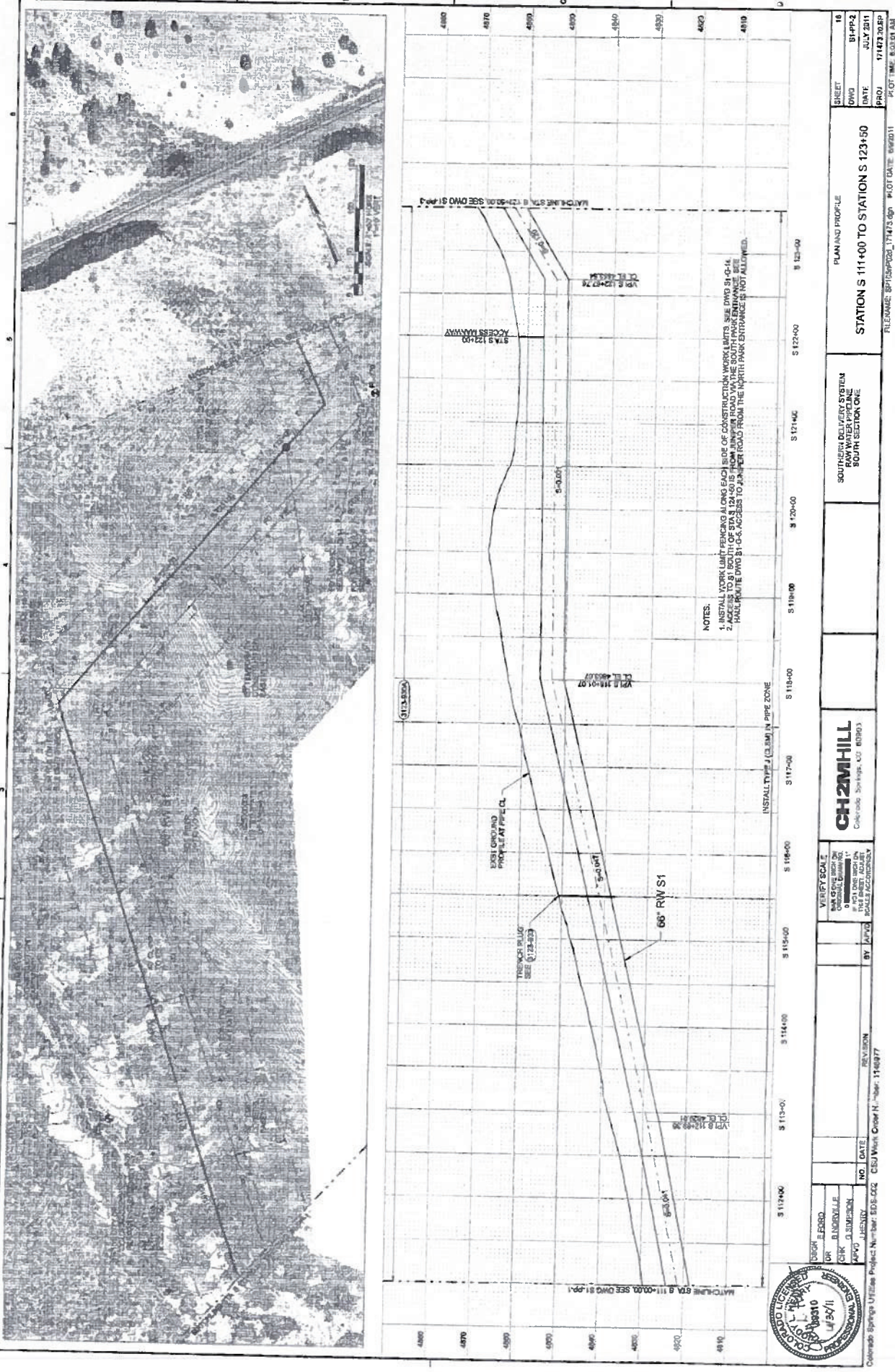
FIELD ORDER NO.

[illegible]

	NO.	DATE	REVIS
Colorado Springs Utilities Project Number: SDS-002			CSU Work Order Number: 1148977

[illegible]

Note: The Terms Permanent Easement (PE) Means O&M Corridor and Temporary Construction Easement (TCE) Means Temporary Construction Corridor and Staging Area.



STATION S 111+00 TO STATION S 123+50		PLAN AND PROFILE		SOUTHERN DELIVERY SYSTEM RAW WATER PIPELINE SOUTH SECTION ONE		CH2MHILL Civil, Mechanical, Electrical, Sanitary, Structural, and Environmental Engineering		VERIFICATION BY DATE		REVISION NO DATE		DESIGN BY DATE		CHECK BY DATE		APPROVE BY DATE		SHEET DWG DATE PROJ		FILE NAME: BPT150002_17143.dgn #LOT DATE: 8/6/01		PLOT TIME: 8:00 AM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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[illegible]

	DESIGNER	NO.	DATE	REVISION	BY	DATE	CH2MHILL Colorado Springs, CO 80903	SOUTHERN OILFIELD SYSTEM RAW WATER PIPELINE SOUTH SECTION ONE	PLAN AND PROFILE STATION 5 123+50 TO STATION 5 130+00	DWG DATE PROJ.	17 8-11-11 JULY 2011 17147300
	CHECKED APPROVED IN CHARGE	J. L. J. J. L. J. J. L. J.	11/30/11 11/30/11 11/30/11	11/30/11 11/30/11 11/30/11	J. L. J. J. L. J. J. L. J.	11/30/11 11/30/11 11/30/11					
Colorado Springs Utilities Project Number: SJS-002 C&W Water Order Number: 1144527 FILE NAME: sp1099903.dwg PLOT DATE: 8/27/2011 PLOT TIME: 1:01 PM											

EXHIBIT D

DATE: 28-JULY-2011

DRAWN BY: L STUDER

CHECKED BY: B HANSON

APPROVED BY: T SHAUGHNESSY

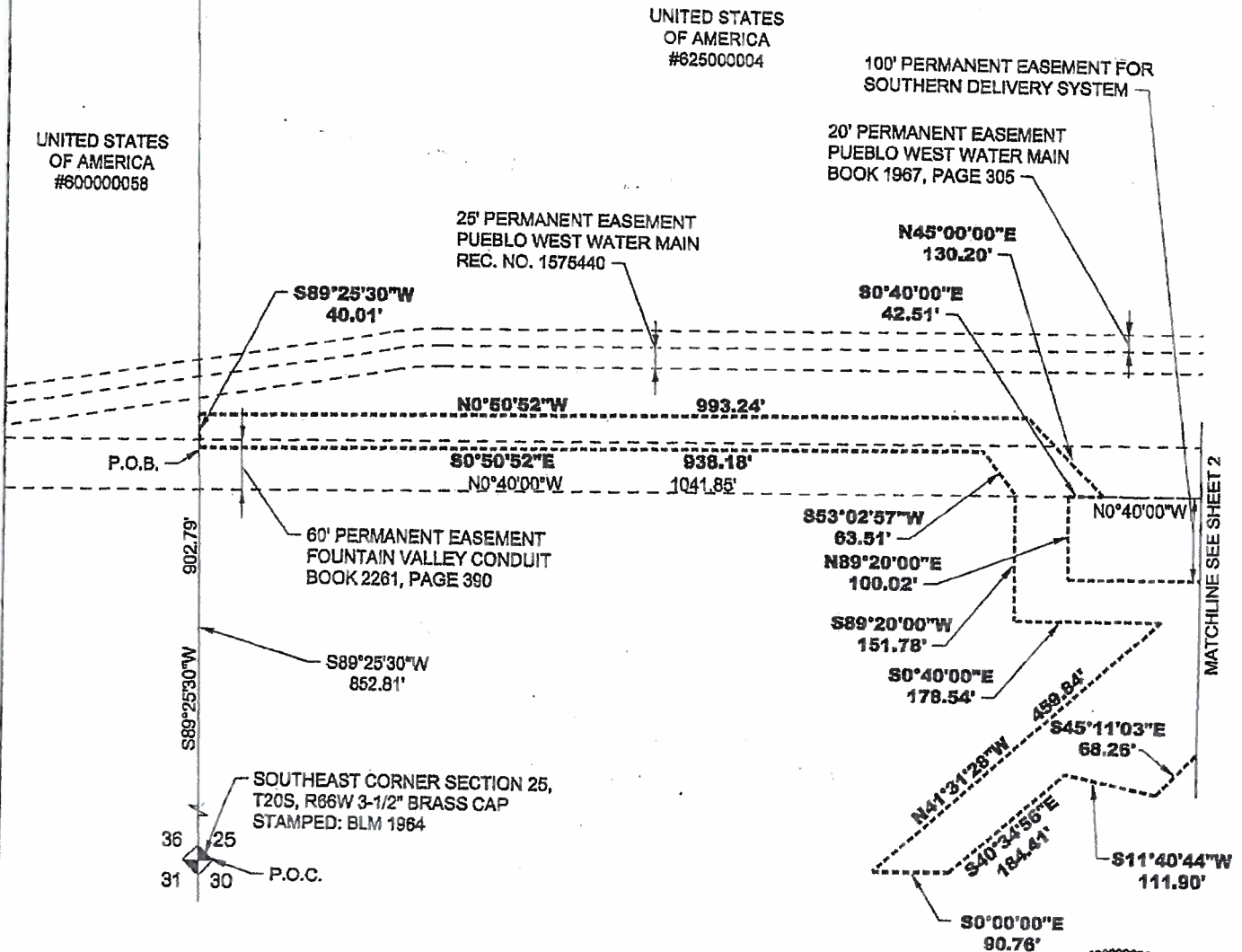
DRAWING: 625000004TE1_EXC.DGN

EXHIBIT C SKETCH

TEMPORARY CONSTRUCTION EASEMENT
PARCEL 625000004
SECTION 25
T20S, R66W, 6TH P.M.
PUEBLO COUNTY, COLORADO

CITY OF
COLORADO SPRINGS

Note: The Terms Permanent Easement (PE) Means O&M Corridor and Temporary Construction Easement (TCE) Means Temporary Construction Corridor and Staging Area.



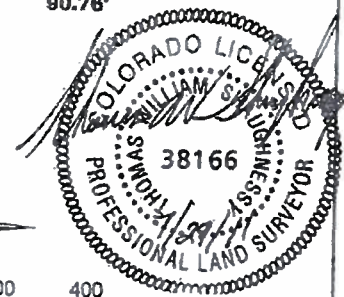
NOTES:

1. This sketch does not constitute a land survey plat by CRITIGEN, LLC., and is only intended to depict Exhibit B - Legal Description. In the event that Exhibit B contains an ambiguity, Exhibit C may be used to solve said ambiguity.

2. Bearings are based on a line from NGS Station "Pueblo CBL 973" (PID JK1355), monumented by a 3" brass disk set in 1.5' diameter concrete pad to NGS Station "Clevenger" (PID JK1353), monumented by a stainless steel rod set in concrete, said line was assumed to bear North 13°33'20" West according to a survey control diagram prepared by Kirkham Michael Consulting Engineers deposited with the El Paso County Surveyor on August 10, 2004 at Survey Deposit Number 204900110.

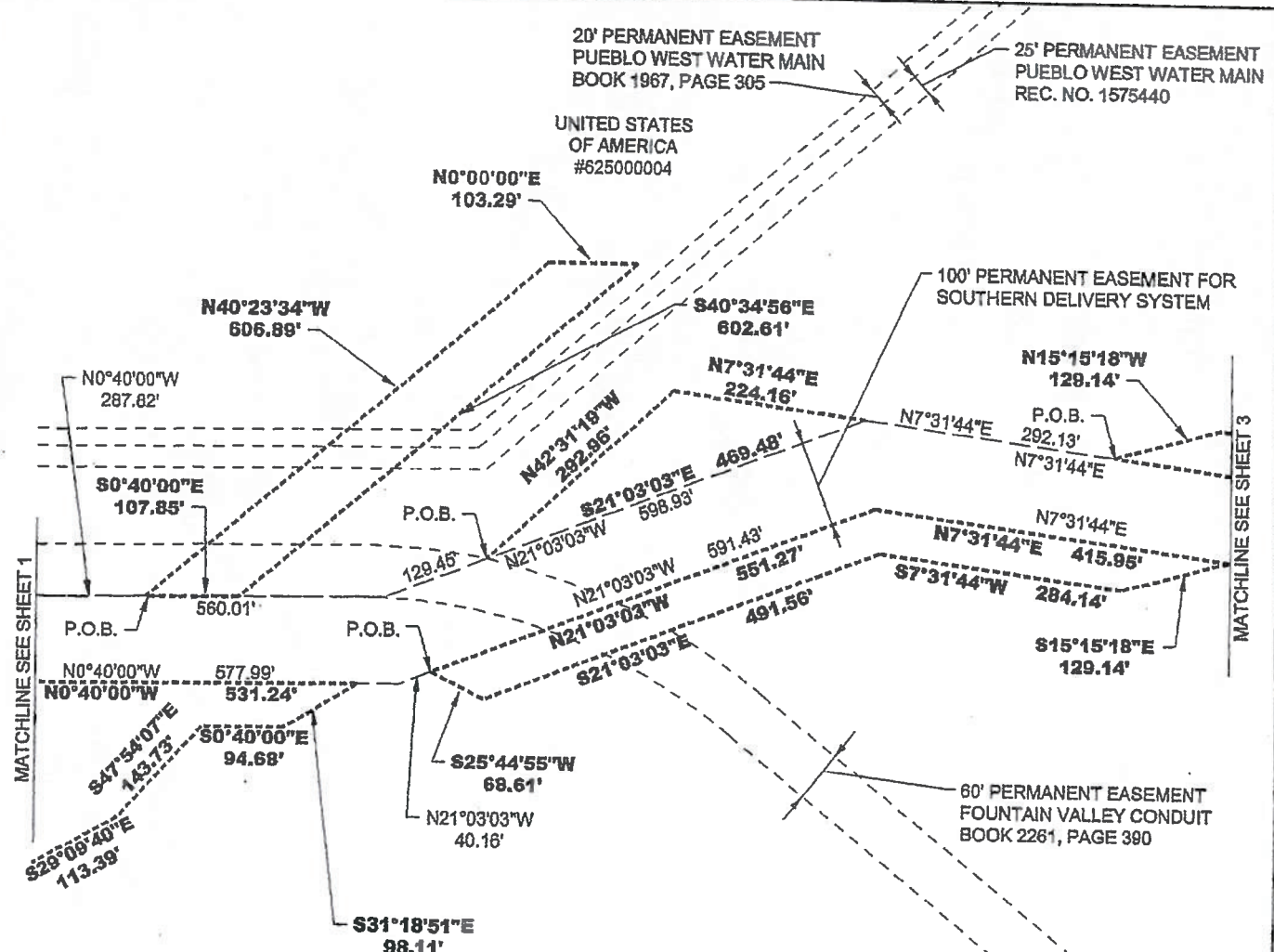


SCALE: 1" = 200'



SHEET 1 OF 3

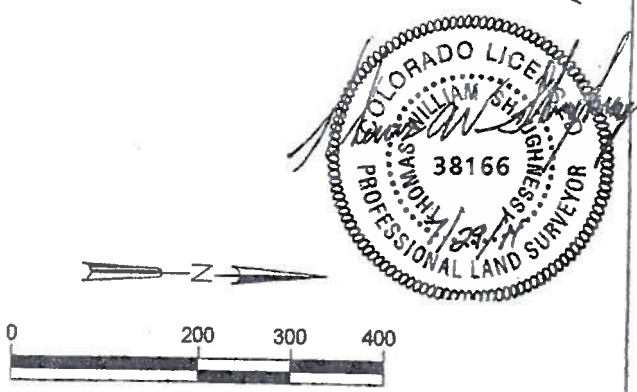
DATE: 28-JULY-2011	<h2 style="text-align: center;">EXHIBIT C SKETCH</h2> <p style="text-align: center;">TEMPORARY CONSTRUCTION EASEMENT PARCEL 625000004 SECTION 25 T20S, R66W, 6TH P.M. PUEBLO COUNTY, COLORADO</p>	<h1 style="margin: 0;">CITY OF COLORADO SPRINGS</h1>
DRAWN BY: L STUDER		
CHECKED BY: B HANSON		
APPROVED BY: T SHAUGHNESSY		
DRAWING: 625000004TE2_EXC.DGN		



Note: The Terms Permanent Easement (PE) Means O&M Corridor and Temporary Construction Easement (TCE) Means Temporary Construction Corridor and Staging Area.

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DATE: 28-JULY-2011

DRAWN BY: L STUDER

CHECKED BY: B HANSON

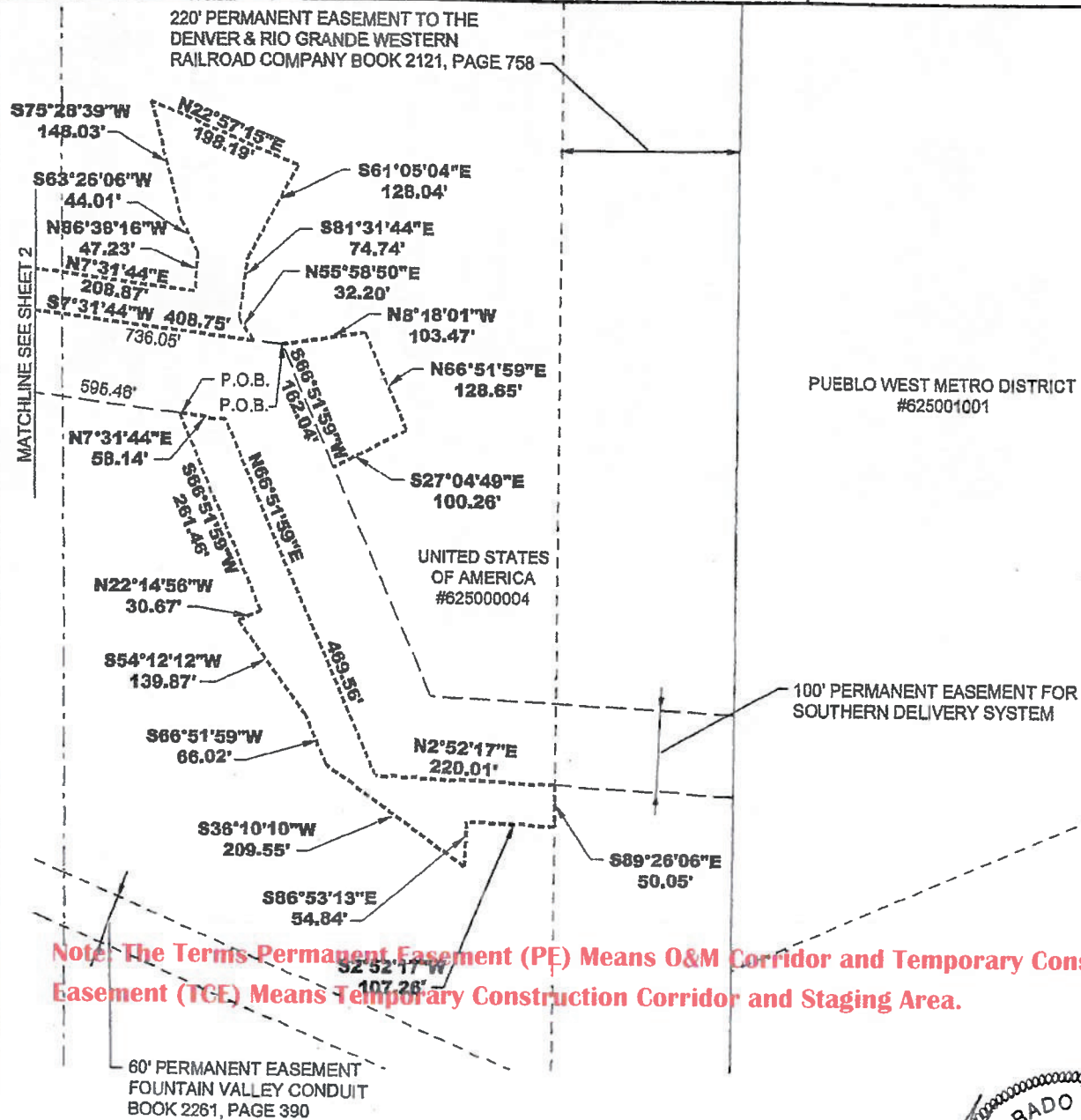
APPROVED BY: T SHAUGHNESSY

DRAWING: 625000004TE3_EXC.DGN

EXHIBIT C SKETCH

TEMPORARY CONSTRUCTION EASEMENT
PARCEL 625000004
SECTION 25
T20S, R66W, 6TH P.M.
PUEBLO COUNTY, COLORADO

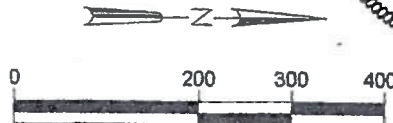
CITY OF
COLORADO SPRINGS



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SCALE: 1" = 200'

SHEET 3 OF 3

EXHIBIT E COPY

RECLAMATION

Managing Water in the West

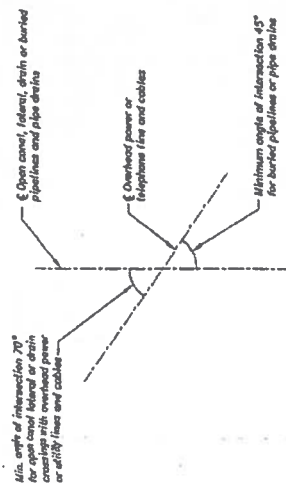
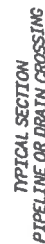
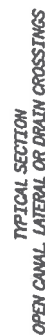
Engineering and O&M Guidelines for Crossings

Bureau of Reclamation Water Conveyance Facilities
(Canals, Pipelines, and Similar Facilities)



U.S. Department of the Interior
Bureau of Reclamation
Technical Service Center
Denver, Colorado

April 2008



CROSSING PLAN

NOTES

1. Drawing is not to scale.
2. Overhead crossing clearances are minimum for all conditions.
3. Any additional clearances or permits required for construction shall be provided by the Contractor.
4. Conductor clearance shown is for 60° F and final unladen sag.

1	10/25/82	PERMITS AND REVISED	ALBERT INTRM	SAFETY	STANDARD CROSSING & CLEARANCE REQ.	UTILITY LINES AND CABLES	PERMITS & CLEARANCE 1-2000 DANGER & WARNING	SEE APPROVAL, EXCEPTURE INTERFERED, DANGER DANGER, DANGER	10/25/82	10/25/82	40-600-61
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Colorado Department of Public Health and Environment
Air Pollution Control Division – Stationary Sources Program – Indoor Air Unit
4300 Cherry Creek Drive South, APCD-SS-B1
Denver, Colorado 80246-1530
Phone: 303-692-3100 – Fax: 303-782-0278
E-mail: asbestos@state.co.us

ASBESTOS APPROVAL NOTICE

This notice is granted subject to Colorado Air Quality Control Commission Regulation No. 8, Part B, adopted December 16, 2003, and effective March 2, 2005, the Colorado Air Pollution Prevention and Control Act C.R.S. (25-7-101 and 25-7-501 et seq). It is only for the purpose of allowing asbestos abatement.

As a contractor, you may be subject to other licenses and permits, depending on the requirements of the county and municipality in which the work is being performed. The Colorado Department of Public Health and Environment, Air Pollution Control Division strongly suggests that you check with county and municipal authorities in order to determine any other local building/permitting requirements that must be met.

THE ORIGINAL PERMIT MUST BE POSTED ON SITE AT ALL TIMES.

Immediately notify the Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This asbestos approval notice is valid beginning 2/6/2012 through 11:59 PM on 6/29/2012.
The actual scheduled work dates are from 2/6/2012 through 6/29/2012.

Approval issued on: 1/30/2012

Amount paid: \$80.00

Record number: 82459

Check number: CC 4924

Notice Number: 12PB0405N

For the location specified below:

Southern Delivery System Raw Water Pi
Exterior
Spaulding & Ashford Dr.
Pueblo
Pueblo County

This notice has been issued to:

Eagle Environmental Services Corp.
P.O. Box 31225
Aurora, CO 80041

Issued by: CB



2014

PERMIT # 120280

**PUEBLO COUNTY
APPLICATION FOR RIGHT-OF-WAY EXCAVATION PERMIT**

The undersigned applicant being familiar with all of the requirements of Pueblo County Resolution No. 86-283 dated December 16, 1986, does hereby agree to perform all work in compliance with the regulations and specifications as set forth in accordance with said resolution and to adhere to requirements herein after specified.
24 Hour Notice Required Before Commencing Field Work

APPLICANT:

Application Fee: \$ 25.00

Company: Colorado Springs Utilities

Address: 121 S. Tejon St., P.O. Box 1103,
Mail Code 930
Colorado Springs, CO 80947-0930

Allison Mosser

Your Name (Print)

Phone/Fax: (719) 668-8667 / (719) 668-8734

Begin Date: January 25, 2012

Completion Date: July 27, 2012

HCP Constructors, Inc.

Resurfacing Contractor

Project No: SDS RWP S1 Work Package

Spaulding Avenue and Ashford Drive

Project Location: (Pueblo West)

Street Address

Gravel

100 ft

1

0

Road Surface

Length

Cuts

Crossings

(Applicant Must Submit Sketch Of The Proposed Work Area)

The location of the project in relation to the roadway will be: (check all applicable)

Traffic Lane(s) ☒Shoulder ☒Drainage Ditch ☒Right-Of-Way ☒

Waterline Removal/

This work will consist of:

For the purpose of:

Replacement

Cutting Road Surface ☒Installing ☐Boring Under Road ☐Repairing ☐R.O.W. Excavation ☒Removing ☒Setting a Pole ☐Retiring ☐

MUTCD Traffic Control Plan By: Michael Hagen

T.C.P. No: ATSSA 191874

Applicant or Representative Signature:

*Allison Mosser***THIS SECTION TO BE COMPLETED BY PUEBLO COUNTY REPRESENTATIVE**☒ Additional Requirements:Overlay ☐Striping ☐Compaction Test(s) ☒

Other _____

Street opening shall not exceed the length which will be backfilled before the end of the work day. You will be allowed to keep open a 3' x 5' pit until the next working day to facilitate the continuance of work only if the pit is protected by the required traffic control devices.

Temporary or permanent repairs (resurfacing) shall be completed no later than 24 hours ☐ or _____ days from the time /date of backfilling.

Completion /Warranty Date _____

Warranty Inspection Date _____

Accepted FEBRUARY 2, 2014

Denied _____, 2011

Reason For Denial _____

Pueblo County Representative:

DAVID BENROW

(Not Valid Without Signature)

* INCLUDES ONE INSPECTION VISIT. INSPECTION FEE IS RATED AT \$22.26/HR. *

02-10-12 P01:42 RCVD

2014Z

PERMIT # 120281

PUEBLO COUNTY

APPLICATION FOR RIGHT-OF-WAY EXCAVATION PERMIT

The undersigned applicant being familiar with all of the requirements of Pueblo County Resolution No. 86-283 dated December 16, 1986, does hereby agree to perform all work in compliance with the regulations and specifications as set forth in accordance with said resolution and to adhere to requirements herein after specified:
24 Hour Notice Required Before Commencing Field Work

APPLICANT:

Application Fee: \$ 25.00*Company: Colorado Springs UtilitiesAddress: 121 S. Tejon St., P.O. Box 1103,
Mail Code 930
Colorado Springs, CO 80947-0930Allison Mosser

Your Name (Print)

Phone/Fax: (719) 668-8667 / (719) 668-8734Begin Date: January 25, 2012Completion Date: July 27, 2012HCP Constructors, Inc.

Resurfacing Contractor

Project No: SDS RWP S1 Work PackageProject Location: Spaulding Ave (east of Ashford Drive)

Street Address

Gravel

100 ft

1

1

Road Surface

Length

Cuts

Crossings

(Applicant Must Submit Sketch Of The Proposed Work Area)

The location of the project in relation to the roadway will be: (check all applicable)

Traffic Lane(s) ☒Shoulder ☒Drainage Ditch ☒Right-Of-Way ☒

This work will consist of:

For the purpose of: Installing Water PipelineCutting Road Surface ☒Installing ☒Boring Under Road ☐Repairing ☐R.O.W. Excavation ☒Removing ☐Setting a Pole ☐Retiring ☐MUTCD Traffic Control Plan By: CH2M Hill EngineersT.C.P. No: CO PE #40108Applicant or Representative Signature: Allison Mosser

THIS SECTION TO BE COMPLETED BY PUEBLO COUNTY REPRESENTATIVE

☒ Additional Requirements: Overlay ☐ Striping ☐ Compaction Test(s) ☐Other WILL REQUIRE DETOUR ROUTE IMPROVEMENT AND MAINTENANCE FOR DURATION.

Street opening shall not exceed the length which will be backfilled before the end of the work day. You will be allowed to keep open a 3' x 5' pit until the next working day to facilitate the continuance of work only if the pit is protected by the required traffic control devices.

Temporary or permanent repairs (resurfacing) shall be completed no later than 24 hours ☐ or _____ days from the time /date of backfilling.

Completion /Warranty Date _____

Warranty Inspection Date _____

Accepted FEBRUARY 2, 2014Z

Denied _____, 2011

Reason For Denial _____

Pueblo County Representative: DAVID BENSON

(Not Valid Without Signature)

* INCLUDES ONE INSPECTION VISIT. INSPECTION FEE IS RATED AT \$22.26/HR. *



SDS RAW WATER PIPELINE

S1

31 23 19

WATER CONTROL PLAN (DEWATERING PLAN)

REVISED

1/14/12

DEWATERING WILL OCCUR IF GROUNDWATER AND/OR GROUNDWATER MIXED WITH STORMWATER ACCUMULATES IN AN OPEN TRENCH AND IT IS DEEMED NECCESARY TO REMOVE THE WATER. DEWATERING WILL BE CONDUCTED WITH THE INTENTION OF LOWERING AND MAINTAINING GROUNDWATER AT A MINIMUM OF 2" BELOW THE SURFACE.

TRASH PUMPS

A TRASH PUMP (SEE CUTSHEETS ARE BELOW) WILL USED IN THE OPEN TRENCH LOCATION. TRASH PUMPS WILL BE PLACED IN A LOW POINT AND SURROUNDED WITH A COURSE GRAVEL TO ALLOW FREE DRAINAGE OF THE WATER AND SEDIMENT INFLOW FILTRATION.

SUMPS

HCP CONSTRUCTORS WILL USE SUMPS IN THE EXCAVATION ONLY IF CONSISTANT GROUND WATER IS PRESENT TO DEWATER THE WORKING AREA, FROM INITIAL KNOWN INFORMATION GROUND WATER IS NOT EXPECTED TO BE ENCOUNTERED. IF NEEDED THESE SUMPS WILL BE PLACED IN A LOW POINT AND SURROUNDED WITH A COURSE GRAVEL TO ALLOW FREE DRAINAGE OF THE WATER. CUTSHEET IS ATTACHED.

DEWATERING POLLUTION CONTROL

PRIOR TO DEWATERING THE FOLLOWING METHODS WILL BE PUT IN PLACE TO ENSURE WATER FILTRATION TO LIMIT TURBIDITY WILL BE INSTALLED:

1. AT THE SOURCE LOCATION AN ALTERNATING COMBINATION OF 1" ROCK AND 3" TO 4" COBBLE OR ROCK WILL USED IN A 5'TO 7' DIAMETER CIRCLE (SIZE WILL BE DEPENDENT ON SPACE ALLOWED IN TRENCH) PRIOR TO THE SOURCE FILTER CAGE CONTAINING THE SUMP OR HOSE WITH METAL FILTER CAGE BEING TO BE DROPPED PLACE AND BACKFILLED WITH THE ROCK/COBBLE MIX. THE OUTFALL WILL THEN BE FILTERED THROUGH A DEWATERING BAG.
2. IF SECTION 1 PLAN IS NOT SUFFICIENT TO MEET PERMIT GUIDELINES A FILTER BOX LINED WITH MIRIFI 140N WILL BE UTILIZED TO FILTER THEN DISCHARGE WATER.
 - A. FILTRATION TANK (SIMILAR TO PICTURE IN ATTACHMENT) - OUR FILTRATION TANK IS LINED WITH A 50 MICRON FILTER FABRIC CAPABLE OF HANDLING IN EXCESS OF 800

GALLONS PER MINUTE OF FLOW. THE FABRIC CAN BE CHANGED OUT IF IT BECOMES CLOGGED WITH SEDIMENT. THE FILTRATION TANK/S WILL BE STAGED TO ENSURE WATERFLOW WILL BE FILTERED THROUGH CHECK DAMS BEFORE LEAVING SITE. THE WATER FROM OUR DEWATERING PUMP OR SUMPS WILL BE DELIVERED INTO THE TOP OF THE TANK AND THEN FILTERED THROUGH THE FABRIC BEFORE EXITING OUT THE BOTTOM THROUGH TWO 4 INCH DISCHARGES. IF ADDITIONAL FILTRATION BECOMES NECESSARY 5 MICRON FILTER SOCKS CAN BE ADDED TO THE SYSTEM BEFORE DISCHARGE.

3. IF SECTION 1 AND 2 PLANS ARE NOT SUFFICIENT TO MEET PERMIT GUIDELINES A HYDRO VAC TRUCK WILL BE UTILIZED TO PUMP THE WATER FROM THE TRENCH AND THEN TO DEPOSIT THE PUMPED WATER INTO A TEMPORARY SILT CONTAINMENT BERM, LINED WITH MIRIFI 140 TO ALLOW TIME FOR THE WATER TO SLOWLY FILTER OUT ANY TURBIDITY. AFTER WATER HAS FILTERED OUT, ANY REMAINING SEDIMENT WILL BE DISPOSED OF PROPERLY.

AT ANY POINT, IN ANY PLAN, IF TURBIDITY BEING PUMPED IS APPARENT THEN “UN-CONTAMINATED” WATER WILL BE PUMPED VIA WATER TRUCK INTO THE PUMP/SUMP SOURCE (IF POSSIBLE) OR INTO THE FILTER BOX TO HELP LOWER THE TURBIDITY BEFORE DISCHARGE. ADDITIONAL PUMPS MAY BE USED TO ASSIST WITH COMBINING “UN-CONTAMINATED” WATER WITH SOURCE WATER TO FILTER DISCHARGE.

SEE ATTACHMENTS BELOW FOR PHOTOS AND DESIGN DETAILS FOR DEWATERING BAGS, AND FILTER FABRIC, FILTRATION TANK, HYDRO VAC TRUCK (SIMILAR TO WHAT WILL BE UTILIZED), AND THE TEMPORARY SILT CONTAINMENT BERM.

STAGING FOR EQUIPMENT

PRIOR TO DEWATERING EQUIPMENT WILL BE STORED ON SITE FOR ABOVE SECTION1 TO INCLUDE PUMPS (TRASH OR SUMP PUMPS), DEWATERING BAGS, ADDITIONAL HOSE, MIRIFI 140N FILTER FABRIC, GENERATORS, AND ROCK. OTHER EQUIPMENT FOR PLAN ABOVE SECTIONS 2 AND 3 WILL BE MOBILIZED ON AN AS NEEDED BASIS.

SAMPLING

WE WILL SAMPLE THE DISCHARGE WATER FROM THE TANK AT THE POINT WHERE IT IS DISCHARGED FROM THE PUMP. WE WILL COLLECT SAMPLES AS REQUIRED IN OUR CONSTRUCTION DEWATERING OPERATIONS PERMIT. TESTING WILL OCCUR FOR THE FOLLOWING PARAMETERS:

- | | |
|-------------------------|--------------------------|
| - PH | WEEKLY |
| - TSS | WEEKLY |
| - OIL AND GREASE | CONTINGENT UPON FINDINGS |
| - FLOW | WEEKLY |
| - OIL AND GREASE VISUAL | VISUAL WEEKLY |

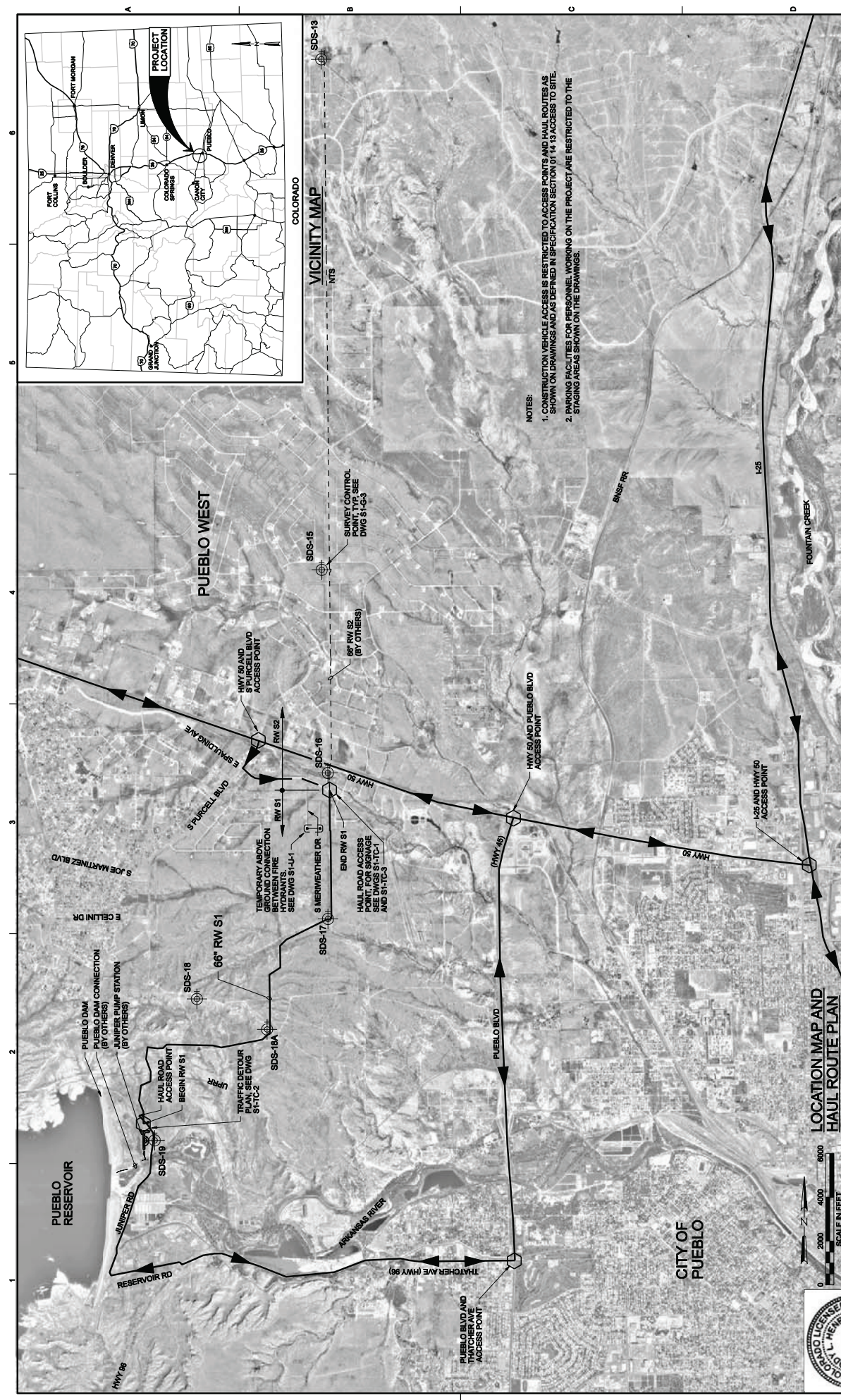
FLOW DISCHARGE WILL BE MEASURED AND MONITORED THROUGH THE OUTPUT OF THE PUMP. WE WILL KNOW APPROXIMATELY HOW MANY GALLONS PER MINUTE WILL BE DISCHARGED FROM THE PUMP BASED ON THE OPERATIONAL SPEED THAT IT IS SET AT. THIS RATE WILL BE USED TO CALCULATE DAILY FLOW RATES WHILE WE ARE OPERATING THE PUMP/PUMPS IN THE RIVER CHANNEL. IF NEEDED WE, WILL ATTACH A FLOW METER IN-LINE WITH THE DISCHARGE PIPING TO RECORD FLOWS DISCHARGED.

EROSION PROTECTION

WATER WILL BE FILTERED TO FURTHER LIMIT SEDIMENT DEPOSITED INTO WETLANDS, JURISDICTIONAL WATERS OR ANY WATER FLOW AREAS, BY THE USE OF CHECK DAMS. THESE DAMS WILL BE INSTALLED DOWN SLOPE OF THE DISCHARGE POINTS TO FILTER SEDIMENT AND SUSPENDED SOLIDS AND ACT AS A DISSIPATION STRUCTURE. WHEN NECESSARY THE CHECK DAMS WILL BE CLEANED OF DEBRIS. SAMPLING WILL BE CONDUCTED WEEKLY PER THE CDPHE DEWATERING PERMIT GUIDELINES.

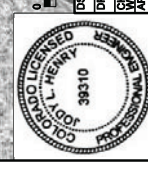
REVISIONS AND MODIFICATIONS TO WATER CONTROL PLAN

IF AT ANY TIME THE DEWATERING SYSTEM IS MODIFIED DURING INSTALLATION OR OPERATION, THE WATER CONTROL PLAN WILL BE AMENDED AND REVISED AS APPROPRIATE.



NOTES:
1. CONSTRUCTION VEHICLE ACCESS IS RESTRICTED TO ACCESS POINTS AND HAUL ROUTES AS SHOWN ON DRAWINGS AND AS DEFINED IN SPECIFICATION SECTION 01 13 ACCESS TO SITE.
2. PARKING FACILITIES FOR PERSONNEL WORKING ON THE PROJECT ARE RESTRICTED TO THE STAGING AREAS SHOWN ON THE DRAWINGS.

LOCATION MAP AND
HAUL ROUTE PLAN



										DESIGN		DR		E. FORD		B. NORVILLE		W. CHRISTOFFERSON		J. HENRY		NO.		DATE		REVISION		BY		APVD		VERIFY SCALE		CH2MHILL Colorado Springs, CO 80903		SOUTHERN DELIVERY SYSTEM RAW WATER PIPELINE SOUTH SECTION ONE		GENERAL		SHEET		5			
LOCATION MAP, VICINITY MAP, AND HAUL ROUTE PLAN																												DWG		S1-C-5		DATE		JULY 2011		PROJ		171473.20.SP		FILE NAME: SPT0106069_171473-09P		PLOT DATE: 6/26/2011		PLOT TIME: 7:25:24 AM	

The nearest receiving waters are an unnamed drainage creek approximately 500 feet north of the S1 pipeline alignment, an unnamed drainage creek in the central portion of the S1 alignment (which is crossed by the pipeline project at Station S 240+50), and the Arkansas River, located approximately 0.35 mile south of the S1 alignment. No discharge will go to municipal storm sewers. The ultimate receiving water is the Arkansas River.





GEOTEX[®] 801 is a polypropylene, staple fiber, needlepunched nonwoven geotextile produced by Propex, and will meet the following Minimum Average Roll Values (MARV) when tested in accordance with the methods listed below. The fibers are needled to form a stable network that retains dimensional stability relative to each other. The geotextile is resistant to ultraviolet degradation and to biological and chemical environments normally found in soils.

GEOTEX 801 conforms to the property values listed below¹. Propex performs internal Manufacturing Quality Control (MQC) tests that have been accredited by the Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

MARV ²			
PROPERTY	TEST METHOD	ENGLISH	METRIC
ORIGIN OF MATERIALS			
% U.S. Manufactured Inputs		100%	100%
% U.S. Manufactured		100%	100%
MECHANICAL			
Tensile Strength (Grab)	ASTM D-4632	205 lbs	912 N
Elongation	ASTM D-4632	50%	50%
CBR Puncture	ASTM D-6241	525 lbs	2336 N
Trapezoidal Tear	ASTM D-4533	80 lbs	356 N
ENDURANCE			
UV Resistance % Retained at 500 hrs	ASTM D-4355	70%	70%
HYDRAULIC			
Apparent Opening Size (AOS) ³	ASTM D-4751	80 US Std. Sieve	0.180 mm
Permittivity	ASTM D-4491	1.5 sec ⁻¹	1.5 sec ⁻¹
Water Flow Rate	ASTM D-4491	110 gpm/ft ²	4482 l/min/m ²
ROLL SIZES			
		12.5 ft x 360 ft 15 ft x 300 ft	3.81 m x 109.8 m 4.57 m x 91.5 m

NOTES:

1. The property values listed above are effective 04/2011 and are subject to change without notice.
2. Values shown are in weaker principal direction. Minimum average roll values (MARV) are calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any samples taken from quality assurance testing will exceed the value reported.
3. Maximum average roll value.



Mirafi[®] 140N

Mirafi[®] 140N is a needlepunched nonwoven geotextile composed of polypropylene fibers, which are formed into a stable network such that the fibers retain their relative position. Mirafi[®] 140N is inert to biological degradation and resists naturally encountered chemicals, alkalis, and acids. Mirafi[®] 140N meets Aashto M288-06 Class 3 for elongation > 50%.

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value	
			MD	CD
Grab Tensile Strength	ASTM D4632	lbs (N)	120 (534)	120 (534)
Grab Tensile Elongation	ASTM D4632	%	50	50
Trapezoid Tear Strength	ASTM D4533	lbs (N)	50 (223)	50 (223)
CBR Puncture Strength	ASTM D6241	lbs (N)	310 (1380)	
Apparent Opening Size (AOS) ¹	ASTM D4751	U.S. Sieve (mm)	70 (0.212)	
Permittivity	ASTM D4491	sec ⁻¹	1.7	
Flow Rate	ASTM D4491	gal/min/ft ² (l/min/m ²)	135 (5500)	
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	70	

¹ ASTM D4751: AOS is a Maximum Opening Diameter Value

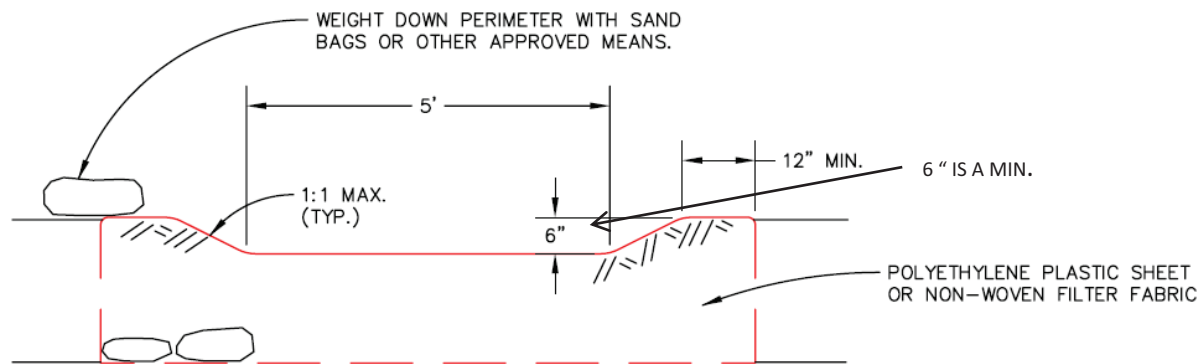
Physical Properties	Unit	Typical Value	
Roll Dimensions (width x length)	ft (m)	12.5 x 360 (3.8 x 110)	15 x 360 (4.5 x 110)
Roll Area	yd ² (m ²)	500 (418)	600 (502)
Estimated Roll Weight	lb (kg)	164 (74)	197 (89)

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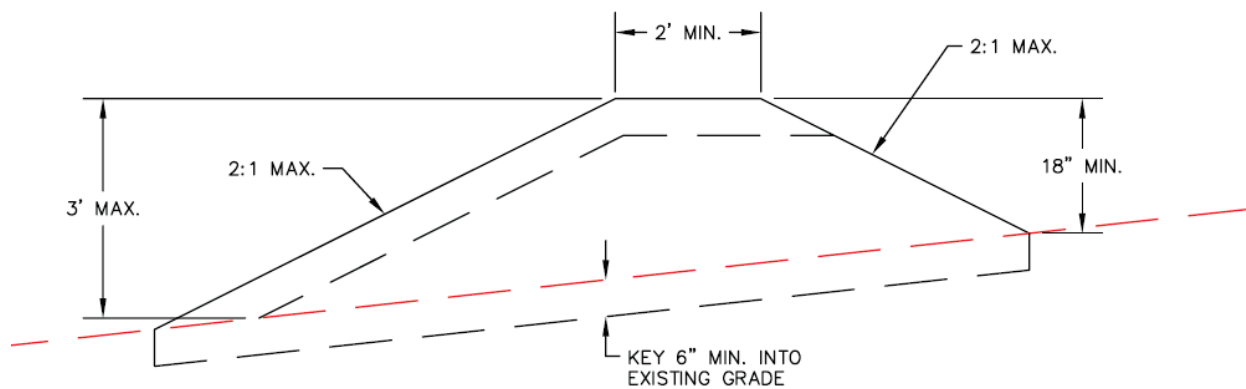
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Mirafi[®] is a registered trademark of Nicolon Corporation

DEWATERING FILTRATION
TANK
LINED WITH MIRIFI 140N
DEWATERING BAG
ATTACHED TO INCOMING
PIPE





OVERFLOW AREA



NOTES:

1. SOIL IN BERM SHALL BE FIRMLY COMPACTED.
2. AT EACH END OF BERM, TURN BERM UPSLOPE AND EXTEND UNTIL GROUND SURFACE RISES TO TOP OF BERM ELEVATION.
3. PROVIDE OVERFLOW AREAS AT 200 FT. MAX. INTERVALS.

TEMPORARY SILT CONTAINMENT BERM

STATE OF COLORADO

John W. Hickenlooper, Governor
Christopher E. Urbina, MD, MPH
Executive Director and Chief Medical Officer

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S. Laboratory Services Division
Denver, Colorado 80246-1530 8100 Lowry Blvd.
Phone (303) 692-2000 Denver, Colorado 80230-6928
Located in Glendale, Colorado (303) 692-3090

<http://www.cdphe.state.co.us>



Colorado Department
of Public Health
and Environment

JAN 25 2012

Kurt Sittner
Reynolds, Inc.
1775 E. 69th Ave.
Denver, CO 80229

RE: Land Development GP03 General Permit Approval for Package #262344

Dear Mr. Sittner,

The Colorado Air Pollution Control Division approves land development general permit registration for the sites listed in the table below. Please refer to general permit GP03 for all applicable requirements, limitations, terms and conditions. A copy of the general permit may be obtained via the Internet at the following web address:

<http://www.cdphe.state.co.us/ap/down/generalpermGP03.pdf>

<i>AIRS ID</i>	<i>Site Name</i>	<i>Actual Location</i>	<i>City</i>	<i>County</i>	<i>Approval Expiration</i>
102/0025/001	Southern Delivery Raw Water Pipeline	Sec 17 T18S R65W	Pueblo	Pueblo	12/01/2016 12:00:00 AM

If you have any questions regarding this letter, please contact me directly at (303) 691-4092.

Sincerely,

KC Houlden
Permit Engineer
Stationary Sources Program
Air Pollution Control Division

STATE OF COLORADO

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
AIR POLLUTION CONTROL DIVISION
TELEPHONE: (303) 692-3150



GENERAL CONSTRUCTION PERMIT

Land Development Projects

PERMIT NO: GP03

**FINAL APPROVAL
Modification 1**

R K Hancock III, P.E.
Permitting Section Supervisor

November 10, 2009
Date Issued

Note: See the Land Development General Permit Guidance document available through the Division's Small Business Assistance Program for further information on demonstrating compliance with the requirements of this permit.

I. General Permit Applicability

- I.A. The owner or operator of any land development activity that can comply with all of the operating conditions described in Section II of this permit and meet all requirements of this Section I may register for this general permit.
- I.B. Land development refers to all land clearing activities, including but not limited to land preparation such as excavating or grading, for residential, commercial, or industrial development, or oil and gas exploration and production. Land development does not include mining operations or the disturbance of contaminated soils.
- I.C. Land development activities that are less than 25 contiguous acres and less than 6 months in duration are exempt from permitting and do not need to report air emissions to the Division. For these projects, operators must use appropriate control measures to minimize the release of fugitive dust from the site.

II. Operating Terms and Conditions

II.A. Emission Limitations

- II.A.1. Project will not exceed 1850 acres in size. Any project over 1850 acres will be subject to a Construction Permit and Public Notice proceedings.

II.B. General Operating Conditions

II.B.1. Particulate emissions Control Plan

- II.B.1.a. THE FOLLOWING PARTICULATE EMISSIONS CONTROL MEASURES SHALL BE USED FOR ENFORCEMENT PURPOSES ON THE SOURCES COVERED BY THIS PERMIT, AS REQUIRED BY THE AIR QUALITY CONTROL COMMISSION REGULATION NO 1. THIS SOURCE IS SUBJECT TO THE FOLLOWING EMISSION GUIDELINES:

II.B.1.a.(i) All Activities - Visible emissions not to exceed 20%, no off-property transport of visible emissions.

II.B.1.a.(ii) Haul Roads - No off-property transport of visible emissions shall apply to on-site haul roads, the nuisance guidelines shall apply to off-site haul roads.

II.B.1.a.(iii) Haul Trucks - There shall be no off-property transport of visible emissions from haul trucks when operating on the property of the owner or operator. There shall be no off-vehicle transport of visible emissions from the material in the haul trucks when operating off of the property of the owner or operator.

II.B.1.b. Control Measures

II.B.1.b.(i) All unpaved roads and other disturbed surface areas on site must be watered as necessary to prevent off-property transport of visible fugitive particulate emissions.

II.B.1.b.(ii) Vehicle speed on all unpaved roads and disturbed areas shall not exceed a maximum of 30 mph. Speed limit signs shall be posted.

II.B.1.b.(iii) No earthwork activities shall be performed when the wind speed exceeds 30 miles per hour.

II.B.1.b.(iv) All disturbed surface areas shall be revegetated within one year and according to the information submitted by the applicant with the permit application.

II.B.1.b.(v) Gravel entryways shall be utilized to prevent mud and dirt carryout onto paved surfaces. Any mud and dirt carryout onto paved surfaces shall be cleaned up daily.

II.B.1.c. Other control measures *recommended* by the Division, but *not required* for general permitting

II.B.1.c.(i) Foundation soil shall be compacted on a daily basis to within 90% of maximum compaction.

II.B.1.c.(ii) Silt fencing shall be installed prior to overlotting along all property borders that are adjacent to developed areas.

II.B.1.c.(iii) Surface area disturbed shall be minimized as described in the information submitted by the applicant with the permit application.

III. General Recordkeeping

III.A. The records in this section shall be maintained on site.

III.B. The current version of this general construction permit.

III.C. The most recently submitted Air Pollutant Emission Notice (APEN).

III.D. The general permit registration approval letter.

IV. General Permit Terms and Administration

IV.A. General Terms

IV.A.1. Land development owner/operator agreement to Particulate Emissions Control Plan (II.B.1) will result in issuance of general permit approval letter.

IV.A.2. A land development general permit will be valid for five (5) years from the initial date of the approval letter issuance. Any project exceeding five years will be required to file an APEN update after five years.

IV.A.3. One APEN will be submitted per project. Multiple phases may be covered under a single APEN provided that the entire project is less than the 1850 acres.

IV.A.4. APEN and General Permit Fees

IV.A.4.a. Total fees for a land development APEN and General Permit will be \$202.90. These fees will arise from two sources:

IV.A.4.a.(i) An APEN filing fee in the amount of \$152.90 per APEN filed (Please note that the APEN filing fee is subject to change by the Colorado State Legislature) and

IV.A.4.a.(ii) A general permit fee of \$50.00 for each APEN filed.

IV.A.5. A revised Air Pollutant Emission Notice (APEN) shall be filed: (Reference: Regulation No. 3, Part A, Section II.C.)

IV.A.5.a. Whenever there is a change in the owner or operator of any facility, process, or activity; or

IV.A.5.b. No later than 30 days before the five-year term of the existing APEN expires.

IV.A.6. This permit is granted subject to all rules and regulations of the Colorado Air Quality Control Commission and the Colorado Air Pollution Prevention And Control Act C.R.S. (25-7-101 et seq), to those general and specific terms and conditions included in this document.

IV.A.7. Unless specifically stated otherwise, the general and specific conditions contained in this permit have been determined by the Division to be necessary to assure compliance with the provisions of Section 25-7-114.5(7)(a), C.R.S.

IV.A.8. Each and every condition of this permit is a material part hereof and is not severable. Any challenge to or appeal of, a condition hereof shall constitute a rejection of the entire permit and upon such occurrence, this permit shall be deemed denied ab initio.

IV.A.9. Violation of the terms of a permit or of the provisions of the Colorado Air Pollution Prevention and Control Act or the regulations of the AQCC may result in administrative, civil or criminal enforcement actions under Sections 25-7-115 (enforcement), -121 (injunctions), -122 (civil penalties), -122.1 (criminal penalties), C.R.S.

IV.A.10. Registration under this permit is approved in reliance upon the accuracy and completeness of information supplied by the applicant and is conditioned upon operation of the source, in accordance with this information and with representations made by the applicant or applicant's agents. It is valid only for the equipment and operations or activity specifically identified on the general permit registration.

IV.B. Registration Certification

IV.B.1. Conditional certification of a registration under this general permit is effective from the date the complete registration request is received by the Division. A complete registration request consists of all General Permit application materials required by the Division including, but not limited to, an impact analysis that demonstrates, that the APEN requested emissions from the proposed source or modification will not cause or contribute to concentrations of air pollutants in ambient air in violation of any applicable state or national ambient air quality standard. The owner or operator may commence construction and operation of the land development project as represented in the registration upon submission of the completed registration request. In the

event the land development project does not qualify for registration under the general permit or is demonstrated to violate an applicable ambient air quality standard, the owner or operator accepts the liability of commencing these activities.

IV.C. Registration Modification

IV.C.1. In order to modify operations under the general permit, the owner or operator must submit a new general permit application and APEN to the Division. This application will detail the changes being made to the project. Reasons for submitting a modification include, but are not limited to:

IV.C.1.a. Increase in project size resulting in greater emission.

IV.C.1.b. Increase in the duration of the project resulting in fugitive particulates being released longer than initially reported.

IV.C.1.c. An increase in the amount of paving being performed on the site.

IV.C.1.d. A decrease in dust control measures being implemented from those initially reported.

IV.D. Registration Revision / Termination

IV.D.1. The Division may deny or revoke registration under the general permit under the circumstances specified in Regulation No. 3, Part B, Section III.I.3.c.

IV.D.2. A registration under this general permit may be reissued to a new owner by the Division as provided in Regulation No. 3, Part B, Section II.B. upon a request for transfer of ownership and the submittal of a revised APEN and the required fees.

IV.D.3. Registration under this general permit is voluntary. The permittee may withdraw or cancel a registration under this general permit at any time by notifying the Division in writing.

IV.E. General Permit Revision / Termination

IV.E.1. This general permit remains in effect until revised or terminated by the Division in accordance with the provisions of Regulation No. 3.

IV.E.2. After public notice and comment as provided by Regulation No. 3, Part B, Section III.I.7., the Division may revise this general permit in order to add or delete requirements or limitations to the permit. This public notice shall be conducted in a manner consistent with the provisions of Regulation No. 3, Part B, Section III.C.4.

IV.E.3. If a revised general permit is issued by the Division, any existing registration to use the general permit will be automatically converted to a registration to use the revised general permit, provided that the permittee continues to meet all requirements of the revised general permit. Persons not wishing to continue coverage under the revised general permit shall have the option of applying for an individual permit as required by Regulation No. 3, Part B.

IV.E.4. If the Division terminates this general permit, it will provide written notice to affected registrants prior to the termination of the general permit. The notice will advise registrants that they must apply for an individual permit as required by Regulation No. 3, Part B.

Permit History

Final Approval issued October 17, 2008.

Modification 1: Removal of requirement that owner or operator receive Division approval prior to commencement of project.

STATE OF COLORADO

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
AIR POLLUTION CONTROL DIVISION
TELEPHONE: (303) 692-3150



CONSTRUCTION PERMIT

PERMIT NO: **11PO3617**

DATE ISSUED: **FEB 08 2012**

Initial Approval

ISSUED TO: **MK 1 Construction Services**

THE SOURCE TO WHICH THIS PERMIT APPLIES IS DESCRIBED AND LOCATED AS FOLLOWS:

Portable CLSM/concrete batch plant home-based at 4111 Factory Hill, in San Antonio, Texas.

THE SPECIFIC EQUIPMENT OR ACTIVITY SUBJECT TO THIS PERMIT INCLUDES THE FOLLOWING:

AIRS Point	Description
001	<p>CLSM/Concrete Mix Batch Plant</p> <p>Make: Ranger Conveying</p> <p>Model: TBD</p> <p>SN: TBD</p> <p>Design Capacity: 300 cubic yards/hr</p> <p>Emission sources include one (1) Ranger, Model: 87105 storage silo, aggregate stockpiles, and vehicle traffic.</p> <p>The silo is equipped with one (1) APPCO, Model: 17-40 dust collector to control particulate emissions.</p> <p>Fugitive particulate emissions controlled by watering.</p>

THIS PERMIT IS GRANTED SUBJECT TO ALL RULES AND REGULATIONS OF THE COLORADO AIR QUALITY CONTROL COMMISSION AND THE COLORADO AIR POLLUTION PREVENTION AND CONTROL ACT C.R.S. (25-7-101 et seq), TO THOSE GENERAL TERMS AND CONDITIONS INCLUDED IN THIS DOCUMENT AND THE FOLLOWING SPECIFIC TERMS AND CONDITIONS:

REQUIREMENTS TO SELF-CERTIFY FOR FINAL APPROVAL

1. **YOU MUST** notify the Air Pollution Control Division (the Division) no later than **fifteen days** after commencement of the permitted operation or activity **by submitting a Notice of Startup form to the Division**. The Notice of Startup form may be downloaded online at www.cdphe.state.co.us/ap/downloadforms.html. Failure to notify the Division of startup of the permitted source is a violation of Air Quality Control

- Commission (AQCC) Regulation No. 3, Part B, Section III.G.1 and can result in the revocation of the permit.
2. Within one hundred and eighty days (180) after commencement of operation, compliance with the conditions contained on this permit shall be demonstrated to the Division. It is the permittee's responsibility to self certify compliance with the conditions. Failure to demonstrate compliance within 180 days may result in revocation of the permit or enforcement action by the Division. Information on how to certify compliance was mailed with the permit or can be obtained from the Division. (Reference: Regulation No. 3, Part B, II.G.2)
 3. This permit shall expire if the owner or operator of the source for which this permit was issued: (i) does not commence construction/modification or operation of this source within 18 months after either, the date of issuance of this construction permit or the date on which such construction or activity was scheduled to commence as set forth in the permit application associated with this permit; (ii) discontinues construction for a period of eighteen months or more; (iii) does not complete construction within a reasonable time of the estimated completion date. The Division may grant extensions of the deadline per Regulation No. 3, Part B, III.F.4.b. (Reference: Regulation No. 3, Part B, III.F.4.)
 4. Within one hundred and eighty days (180) after commencement of operation, the operator shall complete all initial compliance testing and sampling as required in this permit and submit the results to the Division as part of the self-certification process. (Reference: Regulation No. 3, Part B, Section III.E.)
 5. Within one hundred and eighty days (180) after commencement of operation, the permit number shall be marked on the subject equipment for ease of identification. (Reference: Regulation No. 3, Part B, III.E.) (State only enforceable)
 6. The model number and serial number of the subject equipment shall be provided to the Division within fifteen days (15) after commencement of operation. This information shall be included on the Notice of Startup (NOS) submitted for the equipment. (Reference: Regulation No. 3, Part B, III.E.)

EMISSION LIMITATIONS AND RECORDS

7. Emissions of air pollutants shall not exceed the following limitations (as calculated using the emission factors included in the Notes to Permit Holder section of this permit). Annual records of the actual emission rates shall be maintained by the applicant and made available to the Division for inspection upon request. (Reference: Regulation No. 3, Part B, Section II.A.4)

Annual Limits:

AIRS Point	Tons per Year			Emission Type
	PM	PM ₁₀	PM _{2.5}	
001	0.4	0.2	--	Point

See "Notes to Permit Holder #3" for information on emission factors and methods used to calculate limits.

8. **Fugitive** emissions shall not exceed the following limits. Fugitive emissions include: wind erosion from exposed areas and stockpiles, and vehicular traffic. These emission limits are based on the production rates listed in condition 11. The Division assumes that these levels are being met if the control measures stated in the attached control plan are followed and the stated process rates are not exceeded.

AIRS Point	Tons per Year			Emission Type
	PM	PM ₁₀	PM _{2.5}	
001	45.8	13.4	1.3	Fugitive

See "Notes to Permit Holder #3" for information on emission factors and methods used to calculate limits.

9. The particulate emission control measures listed on the attached page (as approved by the Division) shall be applied to the particulate emission producing sources. (Reference: Regulation 1, Section III.D.1.b.)
10. The emission points in the table below shall be maintained and operated with the control equipment as listed. The uncontrolled emissions shall be reduced by at least the control efficiencies listed. (Reference: Regulation No.3, Part B, Section III.E.)

AIRS Point	Unit	Control Device	Controlled Emissions	Control Efficiency
001	Ranger Storage Silo	APPCO Dust Collector	PM, PM ₁₀ , PM _{2.5}	99.5%

PROCESS LIMITATIONS AND RECORDS

11. This source shall be limited to the following maximum consumption, processing and/or operational rates as listed below. Annual records of the actual process rate shall be maintained by the applicant and made available to the Division for inspection upon request. (Reference: Regulation 3, Part B, II.A.4)

Process/Consumption Limits

AIRS Point	Process Parameter	Annual Limit
001	Concrete Production	40,000 cubic yards per year

STATE AND FEDERAL REGULATORY REQUIREMENTS

12. Visible emissions shall not exceed twenty percent (20%) opacity during normal operation of the source. During periods of startup, process modification, or adjustment of control equipment visible emissions shall not exceed 30% opacity for more than six minutes in any sixty consecutive minutes. (Reference: Regulation No. 1, Section II.A.1. & 4.)
13. This source is subject to the odor requirements of Regulation No. 2. (State only enforceable)
14. When relocating this equipment the owner or operator shall (Reference: Regulation No. 3, Part A, Section II.C.1.f and Part B, Section III.E.):

- a. Submit a Relocation Notice each time this equipment is moved to a new location within the State of Colorado. Such notice shall be received by the Division at least ten (10) days prior to the change in location.
 - 1). The Relocation Notice shall include a facility emission inventory that includes all emission units at the site being located to.
 - 2). Records shall be kept of all additional requirements that are triggered by the relocation including, but not limited to:
 - a). State or Federal New Source Performance Standards (NSPS), National Emission Standards for Hazardous Air Pollutants (NESHAP), Maximum Achievable Control Technology (MACT), Generally Available Control Technology (GACT) requirements
 - b). Major source requirements
 - i. Title V Operating Permits
 - ii. Prevention of Significant Deterioration (PSD)
 - c). Permitting of previously Air Pollutant Emission Notice (APEN) required, permit exempt sources that are no longer permit exempt due to the relocation of this unit to the site.
 - 3). Provide ambient air quality impact analysis, or data required to perform such analysis, if so requested by the Division.
 - b. Keep a record of all relocation notices submitted to the Division
 - c. A complete emissions inventory for the site shall be submitted with the Relocation Notice for this equipment. An ambient air quality impact analysis for the site shall be submitted with the Relocation Notice for this equipment if so requested by the Division. For information on ambient air quality impact analysis see the Division's modeling guidance at <http://www.colorado.gov/airquality/permits.aspx>
15. This unit shall not remain at any one site for more than two (2) years. Permittee shall keep records of time spent at each site (Reference: Regulation No. 3, Part A, I.B.34.). If this unit remains at a site for two years then the permittee shall submit a revised Air Pollutant Emission Notice (APEN) requesting a permit as a non-portable stationary source.
- Note: If this replaces a unit and is intended to perform the same function as the unit being replaced then the cumulative time for both units, including the time between removal of the original unit and installation of the replacement unit, will be counted toward the total time spent at the site.
16. If this source relocates to a site causing the facility to become Title V Operating Permit major (see Regulation No. 3, Part A, I.B.23.) or relocates to an existing Title V Permitted source then this source is subject to the provisions of Regulation No. 3, Part C, Operating Permits (Title V of the 1990 Federal Clean Air Act Amendments). The application for the Operating Permit, or modification for inclusion in the existing Operating Permit, is due within one year of the date of relocation to the site.

17. This source is subject to New Source Performance Standards requirements of Regulation No. 6, Part B, Section III.C, Standards of Performance for New Manufacturing Processes – Standard for Particulate Matter.

a. Particulate Emission shall not exceed **48** pounds per hour.

In addition, the following requirements of Regulation No. 6, Part A, Subpart A, General Provisions, apply.

- a. At all times, including periods of start-up, shutdown, and malfunction, the facility and control equipment shall, to the extent practicable, be maintained and operated in a manner consistent with good air pollution control practices for minimizing emissions. Determination of whether or not acceptable operating and maintenance procedures are being used will be based on information available to the Division, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. (Reference: Regulation 6, Part A. General Provisions from 40CFR60.11)
- b. No article, machine, equipment or process shall be used to conceal an emission, which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with opacity standard or with a standard, which is based on the concentration of a pollutant in the gases discharged to the atmosphere. (§ 60.12)
- c. Written notification of construction and initial startup dates shall be submitted to the Division as required under § 60.7.
- d. Records of startups, shutdowns, and malfunctions shall be maintained, as required under § 60.7.

OPERATING & MAINTENANCE REQUIREMENTS

18. This source is not required to follow a Division-approved operating and maintenance plan.

COMPLIANCE TESTING AND SAMPLING

Initial Testing Requirements

19. The owner or operator shall demonstrate compliance with Condition 12, using EPA Method 9 to measure opacity from the CLSM/concrete mix batch plant and storage silo. This measurement shall consist of a minimum twenty-four consecutive readings taken at fifteen second intervals over a six minute period. (Reference: Regulation No. 1, Section II.A.1 & 4)

Periodic Testing Requirements

20. No periodic testing is required.

ADDITIONAL REQUIREMENTS

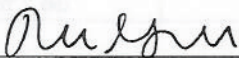
21. The permit number shall be marked on the subject equipment for ease of identification. (Reference: Regulation No. 3, Part B, III.E.) (State only enforceable)
22. A revised Air Pollutant Emission Notice (APEN) shall be filed: (Reference: Regulation No. 3, Part A, II.C)
 - a. Annually whenever a significant increase in emissions occurs as follows:
For any criteria pollutant:
For sources emitting **less than 100 tons per year of a criteria pollutant**, a change in annual actual emissions of five (5) tons per year or more, above the level reported on the last APEN; or
 - b. Whenever there is a change in the owner or operator of any facility, process, or activity; or
 - c. Whenever new control equipment is installed, or whenever a different type of control equipment replaces an existing type of control equipment; or
 - d. Whenever a permit limitation must be modified; or
 - e. No later than 30 days before the existing APEN expires.

GENERAL TERMS AND CONDITIONS:

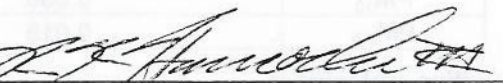
23. This permit and any attachments must be retained and made available for inspection upon request. The permit may be reissued to a new owner by the Division as provided in Regulation No. 3, Part B, Section II.B upon a request for transfer of ownership and the submittal of a revised APEN and the required fee.
24. If this permit specifically states that final approval has been granted, then the remainder of this condition is not applicable. Otherwise, the issuance of this construction permit does not provide "final" authority for this activity or operation of this source. Final approval of the permit must be secured from the Division in writing in accordance with the provisions of 25-7-114.5(12)(a) C.R.S. and Regulation No. 3, Part B, Section III.G. Final approval cannot be granted until the operation or activity commences and has been verified by the Division as conforming in all respects with the conditions of the permit. Once self-certification of all points has been reviewed and approved by the Division, it will provide written documentation of such final approval. **Details for obtaining final approval to operate are located in the Requirements to Self-Certify for Final Approval section of this permit.**
25. This permit is issued in reliance upon the accuracy and completeness of information supplied by the applicant and is conditioned upon conduct of the activity, or construction, installation and operation of the source, in accordance with this information and with representations made by the applicant or applicant's agents. It is valid only for the equipment and operations or activity specifically identified on the permit.
26. Unless specifically stated otherwise, the general and specific conditions contained in this permit have been determined by the Division to be necessary to assure compliance with the provisions of Section 25-7-114.5(7)(a), C.R.S.

27. Each and every condition of this permit is a material part hereof and is not severable. Any challenge to or appeal of a condition hereof shall constitute a rejection of the entire permit and upon such occurrence, this permit shall be deemed denied *ab initio*. This permit may be revoked at any time prior to self-certification and final authorization by the Division on grounds set forth in the Colorado Air Quality Prevention and Control Act and regulations of the AQCC including failure to meet any express term or condition of the permit. If the Division denies a permit, conditions imposed upon a permit are contested by the applicant, or the Division revokes a permit, the applicant or owner or operator of a source may request a hearing before the AQCC for review of the Division's action.
28. Section 25-7-114.7(2)(a), C.R.S. requires that all sources required to file an Air Pollution Emission Notice (APEN) must **pay an annual fee** to cover the costs of inspections and administration. If a source or activity is to be discontinued, the owner must notify the Division in writing requesting a cancellation of the permit. Upon notification, annual fee billing will terminate.
29. Violation of the terms of a permit or of the provisions of the Colorado Air Pollution Prevention and Control Act or the regulations of the AQCC may result in administrative, civil or criminal enforcement actions under Sections 25-7-115 (enforcement), -121 (injunctions), -122 (civil penalties), -122.1 (criminal penalties), C.R.S.

By:


Renee Mayer
Permit Engineer

By:


R K Hancock III, P.E.
Construction Permits Unit Supervisor

Permit History

Issuance	Date	Description
Initial Approval	This Issuance	Issued to MK 1 Construction Services

Notes to Permit Holder:

- 1) The production or raw material processing limits and emission limits contained in this permit are based on the consumption rates requested in the permit application. These limits may be revised upon request of the permittee providing there is no exceedance of any specific emission control regulation or any ambient air quality standard. A revised air pollution emission notice (APEN) and application form must be submitted with a request for a permit revision.
- 2) This source is subject to the Common Provisions Regulation Part II, Subpart E, Affirmative Defense Provision for Excess Emissions During Malfunctions. The permittee shall notify the Division of any malfunction condition which causes a violation of any emission limit or limits stated in this permit as soon as possible, but no later than noon of the next working day, followed by written notice to the Division addressing all of the criteria set forth in Part II.E.1. of the Common Provisions Regulation. See: <http://www.cdphe.state.co.us/regulations/airregs/5CCR1001-2.pdf>.
- 3) The emission levels contained in this permit are based on the following emission factors:

Point emissions:

Pollutant	Uncontrolled Emission Factor (lb/cubic yard)	Source	Control Efficiency
PM	0.170	Multiple AP-42 Tables	88.2%
PM ₁₀	0.080		87.5%
PM _{2.5}	0.015		88.7%

Fugitive emissions:

Pollutant	Uncontrolled Emission Factor (lb/cubic yard)	Source	Control Efficiency
PM	8.920	Multiple AP-42 Tables	74.3%
PM ₁₀	2.560		73.8%
PM _{2.5}	0.255		74.5%

- 4) In accordance with C.R.S. 25-7-114.1, the Air Pollutant Emission Notices (APENs) associated with this permit are valid for a term of five years. As of the issuance of this permit, the five-year term for these APENs expires per the table below. A revised APEN shall be submitted no later than 30 days before the five-year term expires.

AIRS Point	Date of Expiration
001	November 25, 2016

- 5) This facility is classified as follows:

Applicable Requirement	Status
Operating Permit	Minor Source
PSD/NANSR	Minor Source

PARTICULATE EMISSIONS CONTROL PLAN FOR MATERIAL PROCESSING ACTIVITIES

THE FOLLOWING PARTICULATE EMISSIONS CONTROL MEASURES SHALL BE USED FOR COMPLIANCE PURPOSES ON THE ACTIVITIES COVERED BY THIS PERMIT, AS REQUIRED BY THE AIR QUALITY CONTROL COMMISSION REGULATION NO.1, Section III.D.1.b. THIS SOURCE IS SUBJECT TO THE FOLLOWING EMISSION GUIDELINES:

- a. **Processing Activities** - Visible emissions not to exceed **20%**, no off-property transport of visible emissions.
- b. **Haul Roads** - No off-property transport of visible emissions shall apply to on-site haul roads, the nuisance guidelines shall apply to off-site haul roads.
- c. **Haul Trucks** - There shall be no off-property transport of visible emissions from hauls trucks when operating on the property of the owner or operator. There shall be no off-vehicle transport of visible emissions from the material in the haul trucks when operating off of the property of the owner or operator.

CONTROL MEASURES

- 1. Emissions from material handling (i.e. loading and hauling) shall be controlled by watering at all times unless natural moisture is sufficient to control emissions
- 2. Vehicle speed on haul roads and service roads shall be restricted to **30** miles per hour. Speed limit signs shall be posted.
- 3. Unpaved haul roads shall be watered as often as needed to control fugitive particulate emissions
- 4. Material stockpiles shall be watered as necessary to control fugitive particulate emissions. Aggregate materials shall be sprayed with water during material loading into the storage bins or stockpiles.
- 5. Plant entryway, truck service roads, and concrete batching areas shall be graveled. Watering shall be implemented if dust problems occur.