

P72-005
PP2004-006



APPLICATION FORM: LAND USE & ZONING

| | |
|------------------------------------|---------------------|
| Activity No. _____ | OFFICE USE |
| Base Fee \$ _____ | Receipt No. _____ |
| Received By _____ | Date _____ |
| Deemed Complete By <u>C. Mordt</u> | Date <u>3/21/14</u> |

I. PROJECT NAME FUNK GRAVEL P.T. - RENEWS PP 2004-003

II. TYPE OF REVIEW

This application form must be accompanied by the applicable submittal checklist.

- | | | | |
|--|--|---|--|
| <input type="checkbox"/> Minor Use Permit | <input type="checkbox"/> Administrative Permit | <input type="checkbox"/> Site Plan Review | <input type="checkbox"/> Conditional Use Permit (CUP) |
| <input type="checkbox"/> Sign Permit | <input type="checkbox"/> Water Body Setback Permit | <input type="checkbox"/> Pre-Application Conference | <input checked="" type="checkbox"/> Special Use Permit (SUP) |
| <input type="checkbox"/> Special Event Permit | <input type="checkbox"/> Floodplain Development Permit | <input type="checkbox"/> Zoning Amendment/Rezoning | <input type="checkbox"/> Conceptual PUD |
| <input type="checkbox"/> Administrative Amendment to CUP/SUP/PUD/Site Plan | <input type="checkbox"/> Variance | | <input type="checkbox"/> Final PUD |

III. APPLICANT

Name Routt County Road and Bridge
Mailing Address 136 6TH ST, P.O. Box 773598
City STEAMBOAT SPRINGS State CO Zip 80477
Phone 970-870-5337 Email MMORDI@CO.ROUTT.CO.US

Representative / Primary Contact MIKE MORDI
Mailing Address 136 6TH ST, P.O. Box 773598
City STEAMBOAT SPRINGS State CO Zip 80477
Phone 970-870-5337 Email MMORDI@CO.ROUTT.CO.US

IV. PROPERTY OWNER

Name CWT PROPERTIES, LLC
Mailing Address 7785 HIGHLAND DRIVE MEADOWS PKWY #100
City FT. COLLINS State CO Zip 80528
Phone _____ Email _____

V. PROPERTY INFORMATION

Property Address _____
General Location LOCATED ON HWY 40 2.2 MILES EAST OF HAYDEN, CO
Legal Description (may be attached) ATTACHED
Parcel Identification No. (PIN) 940122001 Property Size (acres) 2.95
Current Use _____ Zoning _____
Proposed Use GRAVEL MINING

VI. SIGNATURES

This application form must be signed by both the applicant and legal owner of the property. Attach additional pages if necessary.

By signing below, the applicant acknowledges that all information contained on this application form and within accompanying submittals are true and correct and agrees to pay all required fees associated with this application. The base fee is intended to cover the estimated minimum staff hours to process the application. Any additional staff hours will be assessed at \$120 per hour. The applicant signing below is responsible for all additional hourly fees. Failure to pay fees may result in revocation of a permit/approval.

[Signature]
Applicant's Signature

MICHAEL T. MORDI
Print/type name of applicant

By signing below, the property owner authorizes the applicant to petition Routt County for approval of the submitted application.

Property Owner's Signature

Print/type name of property owner



SUBMITTAL CHECKLIST RESOURCE EXTRACTION (MINING)

| | |
|--------------------|------------|
| Activity No. _____ | OFFICE USE |
| Reviewed By _____ | Date _____ |

This checklist shall be completed by the applicant and must accompany a complete application form. Failure to submit all required information may delay the review of the application. Applicant is responsible for notice to mineral interest owners (refer to Mineral Interest Notice Requirements).

- ☒ Signed application form
 - ☐ Application fee \$ _____
- ☒ PDF of complete submittal package:
 - ☐ CD/Flash ☐ Emailed
- ☒ Proof of ownership:
 - ☒ Lease ☐ Deed
 - ☐ Statement of Authority, if required
- ☒ Vicinity map, illustrating site location, nearby residences, property lines, water wells, irrigation ditches, and roads
- ☒ Legal description:
 - ☒ Attached ☐ On application form
- ☒ List and 2 sets of mailing labels with names and mailing addresses of all adjacent property owners (for public notice purposes)
- ☒ Written narrative / detailed description of subject site and proposed use, including the following information, as applicable:
 - ☒ Description of existing conditions (soils, vegetation, land uses, wildlife habitat, geologic hazards, etc.)
 - ☒ Description of mining operation (method of extraction; hours of operation (mining, processing, hauling); number of employees; phasing; maximum area to be disturbed; type of equipment and vehicles; expected volume of resource per year and life of mine; etc.)
 - ☒ Description of haul route and anticipated traffic
 - ☒ Air and water pollution control measures
 - ☒ Waste disposal plan
 - ☒ Water use and water rights
 - ☒ Weed control plan (during operations and reclamation)
 - ☒ Visual impacts and proposed mitigation measures
 - ☒ Dust control plan
 - ☒ Noise mitigation measures
 - ☒ Emergency response and wildland fire plan
 - ☒ Conservation mitigation plan, if required
 - ☒ Reclamation plan (final land use; timing; topsoil/overburden salvage, redistribution, and/or disposal; and NRCS and/or DRMS seeding and revegetation recommendations)
- ☐ Mitigation Plan for any significant negative impacts (Refer to Section 6, Routt County Zoning Regulations)
- ☒ Site plan, drawn to scale, including the following information, as applicable:
 - ☒ Scale and north arrow
 - ☒ Location and method of hazardous materials storage
 - ☒ Existing site conditions (topography, vegetation, water bodies, drainages, ditches, wetlands, structures, etc.)
 - ☐ Location, width, and surface of all existing and proposed access roads and drives
 - ☐ Location and dimensions of all proposed buildings, structures, and fencing
 - ☒ Location and type of proposed landscaping and/or screening
 - ☐ Parking, circulation, and snow storage
 - ☒ Phasing Plan, if applicable
 - ☐ Location and dimensions of all proposed mining, processing, stockpiling, and equipment storage areas
 - ☒ Reclamation Plan (topography, water bodies, wetlands, vegetation, etc.)
 - ☐ Utilities
 - ☒ Sanitation facilities
 - ☐ Exterior lighting

**SUBMITTAL CHECKLIST
RESOURCE EXTRACTION (MINING)**

Activity No. _____

OFFICE USE

- ☐ Engineered plan and profiles for all new Common Roads
- ☐ Traffic Impact Study (*per Road & Bridge Department standards*), if required
- ☐ Transportation Summary Information (*per Road & Bridge Department standards*), if Road Engineering Study is required
- ☐ Copy of application submitted to Division of Reclamation, Mining and Safety (DRMS)
- ☐ Additional information as required by Planning Director _____
 - ☒ CDOT Access Permit (submitted or approved), if applicable
 - ☒ Wildlife Mitigation Plan, if required

AMENDED AND RESTATED LEASE AGREEMENT

This Amended and Restated Lease Agreement (the "Amended Lease Agreement") dated as of December 1, 2011, is between and among Routt County, Colorado ("Lessee"), by and through its Board of County Commissioners, David J. Funk, Karen H. Hammersmith, as Trustee of the Karen H. Hammersmith Trust and Douglas W. Hooker (collectively "Current Lessors"), and CWH Properties, LLC ("Purchaser").

Recitals

- A. Lessee and Avis H. Funk and Jane Katherine Hooker entered into a Lease Agreement dated as of April 1, 2004, and recorded in the records of the Routt County Clerk and Recorder at Reception Number 599655, under which Lessee leased the Premises (as defined in the Lease Agreement) for the purpose of quarrying, mining, removing, crushing and processing gravel, sand and rock together with the right to establish an asphalt or concrete batch plant if permitted in accordance with federal, state and local regulations and with the right to allow a private contractor to place a temporary asphalt batch plant at the gravel pit for use solely on Routt County projects. The term of the Lease Agreement ends on March 31, 2014.
- B. By a Bargain and Sale Deed dated October 24, 2007, and recorded in the records of the Routt County Clerk and Recorder at Reception Number 666358, Avis H. Funk conveyed her undivided one-half interest in the Premises to David J. Funk.
- C. By a Quitclaim Deed dated February 12, 2008, and recorded in the records of the Routt County Clerk and Recorder at Reception Number 670656, Avis H. Funk quitclaimed her undivided one-half interest in the gravel pit located on the Premises to David J. Funk.
- D. At the request of David J. Funk, Lessee, Jane Katherine Hooker and David J. Funk entered into a First Amendment to Lease Agreement (the "First Amendment") dated as of March 5, 2008 and recorded in the records of the Routt County Clerk and Recorder at Reception Number 673137.
- E. By a General Warranty Deed dated March 30, 2009, and recorded in the records of the Routt County Clerk and Recorder at Reception Number 685326, Jane Katherine Hooker conveyed to the Jane K. Hooker Revocable Trust her undivided one-half interest in the gravel pit located on the Premises.
- F. Jane Katherine Hooker died on September 19, 2009.
- G. By a Trustee's Deed dated May 25, 2010, and recorded in the records of the Routt County Clerk and Recorder at Reception Number 699534, Douglas W. Hooker and Karen H. Hammersmith, as Trustees of The Jane K. Hooker Revocable Trust conveyed to The Karen H. Hammersmith Trust an undivided one-quarter interest in the gravel pit located on the Premises.
- H. By a Trustee's Deed dated May 25, 2010, and recorded in the records of the Routt County Clerk and Recorder at Reception Number 699535, Douglas W. Hooker and Karen H. Hammersmith, as Trustees of The Jane K. Hooker Revocable Trust conveyed to Douglas W. Hooker an undivided one-quarter interest in the gravel pit located on the Premises.



I. The Current Lessors have agreed to sell the property on which the gravel pit is located to Purchaser. The acreage of the property to be sold is 295 acres.

J. The Current Lessors contend that the Premises described in the Lease Agreement is limited to 47.6 acres which are described as the permitted area in the Division of Minerals and Geology permit issued to Lessee for the gravel pit (the "Permit") whereas the Lessee contends that the Premises is the entire 295 acres described as the North one-half of Section 12, Township 6 North, Range 88 West of the Sixth P.M., less 3.63 acres, more or less, conveyed to James D. Funk and Avis H. Funk by Warranty Deed recorded in Book 289, Page 570, of the Routt County, Colorado records and less 16.979 acres, more or less, conveyed to the Colorado State Highway Commission by Right-of-Way Deed recorded in Book 258, Page 189, of the Routt County, Colorado records (the "Property").

K. The Purchaser is only willing to complete the purchase of the 295 acre Property if the dispute described in Recital J. above is resolved so as to limit the Premises to the 47.6 acres described in the Permit. Lessee is only willing to agree to limit the Premises, if the term of the Lease Agreement is extended.

L. The Current Lessors, the Lessee and the Purchaser intend to set forth in this Amended Lease Agreement, the provisions for resolution of the dispute described in Recital J, the extension of the term of the Lease Agreement, and to fully amend and restate the Lease Agreement. It is the intent of the parties to this Amended Lease Agreement that it shall be effective only upon the completion of the sale of the Property to the Purchaser.

Terms and Conditions

1. Effectiveness and Effective Date. The Lease Agreement as amended by the First Amendment is hereby amended and restated as set forth herein. However, this Amended Lease Agreement shall only be effective when and if the sale of the Property to the Purchaser is completed and shall not be recorded prior to the completion of that sale. For the purposes of this Amended Lease Agreement, the sale of the Property shall be deemed completed when the deed or other conveyance from the Current Lessors to the Purchaser of the Property is recorded in the official records of the Routt County Clerk and Recorder. That date shall be the Effective Date of this Amended Lease Agreement. This Amended Lease Agreement shall be recorded contemporaneously with that deed. If the sale of the Property is not completed by March 31, 2012, this Amended Lease Agreement shall be null and void and without effect.

2. Premises. The Premises shall be the 47.6 acres of the 295 acre Property as described in the Permit and as shown on the attached Survey and Existing Site Conditions Map, together with the right to use the existing access road for ingress and egress to the Premises. Expansion of the gravel pit shall be in a southeasterly direction at the same elevation as the existing pit.

3. Purpose. Purchaser leases the Premises to the Lessee for the sole purpose of quarrying, mining, removing, crushing and processing gravel, sand and rock, collectively referred to as "Materials." Lessee shall also have the right to establish an asphalt or concrete batch plant if permitted in accordance with federal, state and local regulations and to allow a private contractor

to place a temporary asphalt batch plant at the gravel pit for use solely on Routt County projects. Purchaser warrants title to the Materials and the Premises.

4. Term of Lease. This Amended Lease Agreement shall be in effect from the Effective Date to and including March 31, 2024. Lessee shall have the option to extend the term for an additional ten (10) year period. The option shall be exercised by serving written notice of Lessee's election upon Purchaser not less than ninety (90) days prior to expiration of the initial term. If the option is exercised, all terms and conditions of this Amended Lease Agreement shall remain applicable.

It is understood between the parties that this Amended Lease Agreement may be terminated by mutual agreement of the parties. In the event of such agreement, the Lessee shall have ninety (90) days from the agreement date in which to cease operations under this Amended Lease Agreement and to commence activity in order to comply with any reclamation responsibilities arising under the terms of this Amended Lease Agreement or state law or regulations and to commence removal of any stockpiled Materials. Lessee shall proceed with due diligence to complete reclamation and removal of stockpiles.

5. Royalties. a. Lessee shall pay Purchaser an annual \$1,000.00 deposit fee as royalty on Materials removed by Lessee during each ensuing year. Purchaser shall retain the entire annual fee irrespective of the quantity of Materials removed by Lessee during the year. The annual fee shall be due on or before the 3rd day of May of each year in which this Amended Lease Agreement is in effect. This annual fee shall also be the royalty for the first One Thousand Dollars worth of Materials and asphalt removed at the rates set forth herein.

b. After Lessee has removed One Thousand Dollars worth of Materials and asphalt from the Premises in any one year, Lessee shall pay to Purchaser, a royalty of One Dollar (\$1.00) for each additional cubic yard of Materials and sixty-six cents (66¢) per ton for all asphalt removed from the site during that year. The amount of Materials removed shall be calculated based on truck loads removed. End dump trucks shall be deemed to carry 10 cubic yards of Materials and belly dump trucks shall be deemed to carry 20 cubic yards of Materials. The amount of asphalt removed shall be determined by weighing the asphalt on the scales installed on the batch plant.

c. Such royalties shall be payable monthly. Lessee shall maintain accurate records of the amount of Materials removed from the Premises by the Lessee pursuant to this Amended Lease Agreement and shall provide Purchaser with copies of such records on a monthly basis while Lessee is removing Materials from the Premises.

d. All monthly royalty payments under this Amended Lease Agreement shall be made by Lessee to Purchaser on or before the tenth (10th) day of each month during the term of this Amended Lease Agreement for all Materials removed and asphalt hauled by the Lessee during the preceding month. Payments shall be made to Purchaser at 7785 Highland Meadows Parkway #100, Fort Collins, CO 80528. All Materials paid for by Lessee shall be removed by Lessee within one (1) year after the termination of this Amended Lease Agreement.

e. Lessee agrees to keep a strict and accurate record of all Materials removed and asphalt hauled from the Premises, and Purchaser shall have the right at reasonable times of examining the mining procedures and checking the books and records of Lessee for the purpose of verifying the amount of royalties payable.

6. Surface Rights of Lessee.

a. Lessee shall have a non-exclusive right of ingress and egress over the Premises to carry out the objectives of this Amended Lease Agreement. Purchaser shall be responsible to make any improvements, including without limitation acceleration or deceleration lanes, as may be required to obtain a Colorado Department of Transportation access permit for Purchaser's use of the Property. If Lessee's usage exceeds the limits specified for truck traffic in its CDOT access permit, then Lessee shall be responsible for its proportionate share of the cost of any CDOT-required acceleration or deceleration lanes. The CDOT access permit under which Lessee operates, CDOT Access Permit No. 304073, specifies 30 DHV - Total. Lessee and Purchaser shall share in the costs of maintenance of the existing access road proportionate to the amount of use of the access road by each measured by the number of truck trips generated by each party's operations on the Property.

b. Access to the Premises will be limited to County authorized personnel including third party employees operating the asphalt or concrete batch plant permitted in Paragraph 3.

c. Lessee shall not permit, use, or allow to be used any remainder of the Premises for any activity unrelated to its gravel operations as provided herein or for an asphalt or concrete batch plant as provided in Paragraph 3 hereof.

d. Lessee shall provide all necessary drains and ditches to remove water from the pit.

e. No Materials removed from the pit by Lessee shall be stockpiled outside of the boundaries of the Premises.

f. Purchaser shall not have the right to sell Materials from the 47.6 acre Premises to other parties during the term of this Amended Lease Agreement, nor shall the Purchaser have the right to set up and operate its own equipment for the purpose of quarrying, mining or removing Materials from the 47.6 acre Premises. Purchaser retains the right to sell Materials to other parties from all other areas of the 295 acre Property.

g. Lessee shall provide a gate with padlock at the entrance to U.S. Highway 40 with a key for Lessee and one for Purchaser. The livestock-proof gate shall remain locked when Lessee is not utilizing the site. Lessee will install a cattle guard beneath the gate.

7. Right of Assignment. Lessee shall not assign this Amended Lease Agreement, or enter into subleases concerning the Premises during the term of this Amended Lease Agreement without the prior written consent of Purchaser. Purchaser may assign Purchaser's rights under this Amended Lease Agreement.

8. Protection and Restoration of Surface. Lessee agrees upon termination of this Amended Lease Agreement to replace all Materials not used and backslope or grade such area in accordance with Colorado Division of Minerals and Geology regulations. Topsoil stripped off in opening the gravel pit shall be spread in a manner to be tillable, to be utilized later in reclamation per Colorado Division of Minerals and Geology regulations and directions. In the event that Purchaser desires to continue to use the access road after the termination of this Amended Lease

Agreement, Purchaser shall assume the obligation to reclaim the access road upon the termination of Purchaser's use of the access road as required by the Division of Minerals and Geology.

9. Indemnification of Purchaser. Lessee agrees to indemnify Purchaser against all liability for injuries to persons or property caused by the negligent use or occupancy of the Premises during the term hereof by Lessee or its subcontractors, employees, agents, or assigns.

10. Liens and Notices. Lessee agrees to save and keep harmless Purchaser and said Premises from liability and claim or lien for work done, services rendered or Materials furnished in respect to the Premises; and to forthwith post and at all times to keep posted in some conspicuous place upon the Premises a notice that the Premises are being worked by the Lessee and that the interest of Purchaser shall not be subject to any liens for services, labor or Materials furnished upon or used in connection with this Amended Lease Agreement or the Premises, the notice to be on behalf and in the name of Purchaser, with the signature of the Lessee's representative also attached.

11. Worker's Compensation Insurance. Lessee assumes full responsibility in case of accident to Lessee, its servants, agents, or any person employed on the Premises by Lessee and agrees to hold Purchaser harmless from any suit for injury or accident arising out of employment. Lessee shall maintain at all times worker's compensation insurance pursuant to the laws of the State of Colorado and shall comply in all respects with any state or federal laws pertaining to employment of persons in the operations on the Premises. Lessee shall render a statement at Purchaser's request to Purchaser that the compensation coverage is in full force and effect.

12. Permits. Lessee shall be responsible for obtaining and complying with all necessary local, state and federal permits needed for its operations on the Premises at no cost to Purchaser.

13. State and Federal Laws. Lessee shall comply with the laws of the State of Colorado and with Social Security, unemployment insurance and all other state and federal laws relating to Lessee's operations and shall hold Purchaser harmless from any claim for damages or liability by reason thereof.

14. Effect of Agreement. This Amended Lease Agreement shall inure to the benefit of and shall be binding on the heirs, legal representatives, successors and assigns of the parties.

15. Counterparts. This Amended Lease Agreement may be executed in any number of counterparts, each of which shall be deemed an original, and which together shall constitute a single instrument.

16. Attorney's Fees. Should either party be required to seek enforcement of its rights pursuant to this Amended Lease Agreement, the substantially prevailing party shall be entitled to all costs of the action, including reasonable attorney's fees.



IN WITNESS WHEREOF, the parties have executed this Amended Lease Agreement the
day and year first above written.

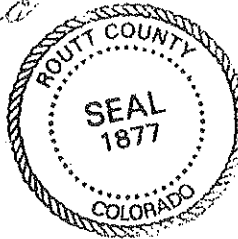
LESSEE:
Routt County, Colorado

By: 

Diane Mitsch Bush, Chair
Routt County Board of
County Commissioners

ATTEST:



Kay Weinland, Routt County Clerk



CURRENT LESSORS:

David J. Funk
David J. Funk

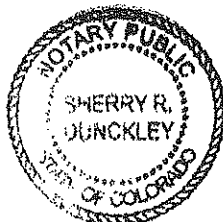
STATE OF Colorado)
COUNTY OF Routt) ss.

The foregoing Amended Lease Agreement was subscribed and sworn to before me this
28th day of December, 2011, by David J. Funk.

Witness my hand and official seal.

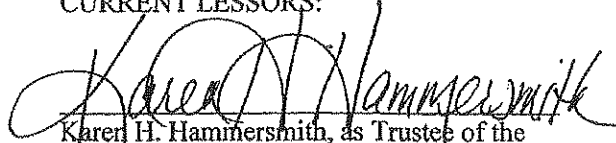
My Commission expires: 2/18/2015

Sherry R. Dunkley
Notary Public



My Commission Expires 02/18/2015

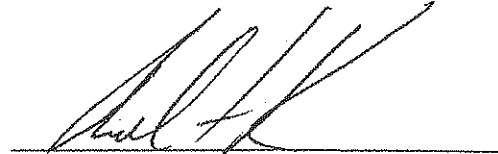
CURRENT LESSORS:

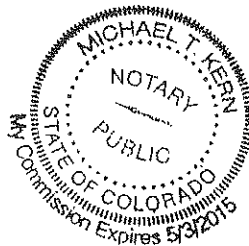

Karen H. Hammersmith, as Trustee of the
Karen H. Hammersmith Trust

STATE OF Colorado)
COUNTY OF Jefferson) ss.

The foregoing Amended Lease Agreement was subscribed and sworn to before me this
19th day of December, 2011, by Karen H. Hammersmith, as Trustee of the Karen H.
Hammersmith Trust.

Witness my hand and official seal.
My Commission expires:


Notary Public



PURCHASER:
CWH Properties, LLC

By: Richard Connell
Title: Member Manager

STATE OF Colorado)
) ss.
COUNTY OF Larimer)

The foregoing Amended Lease Agreement was subscribed and sworn to before me this 19th day of December, 2011, by Richard Connell as Member Manager of CWH Properties, LLC.

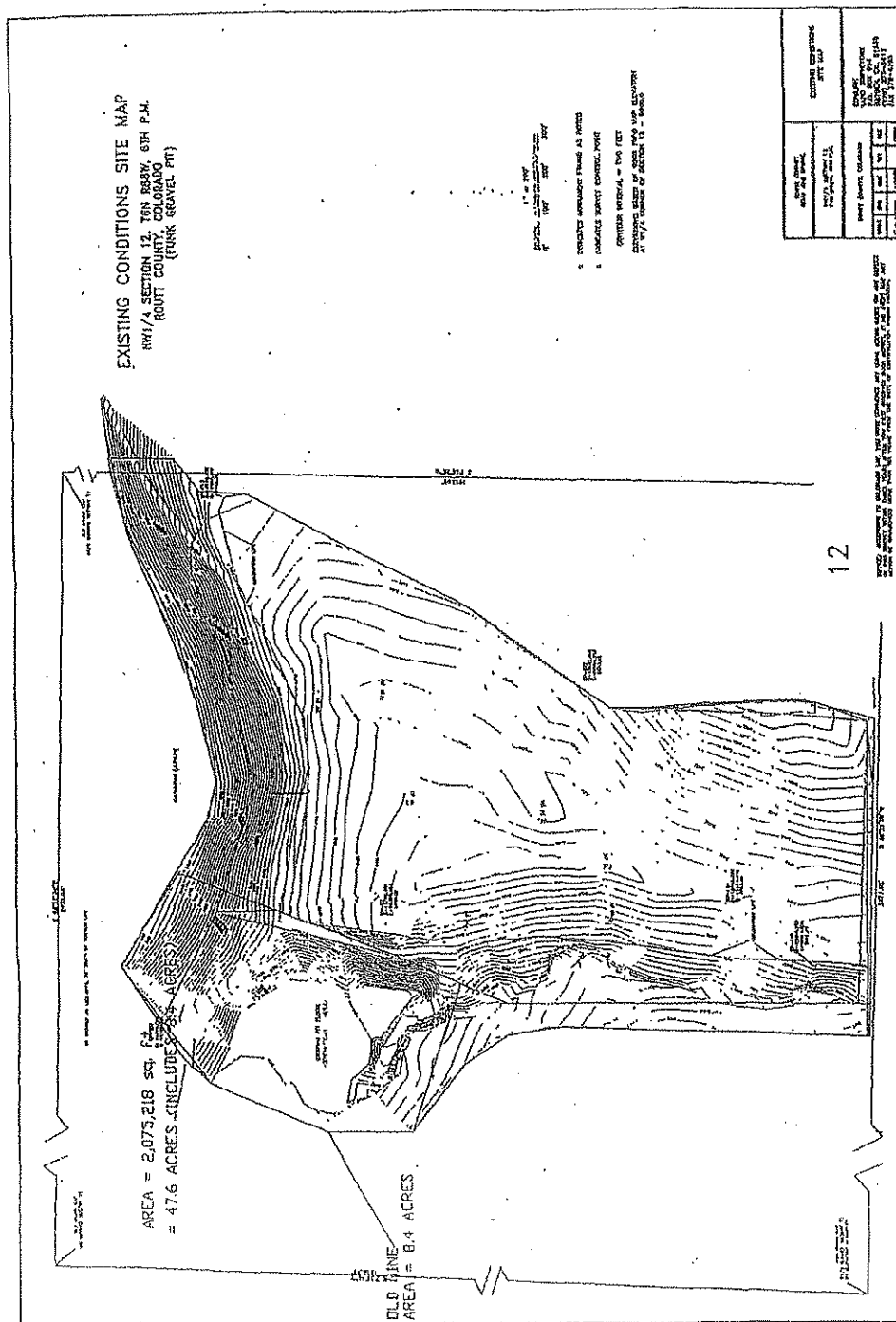
Witness my hand and official seal.
My Commission expires:

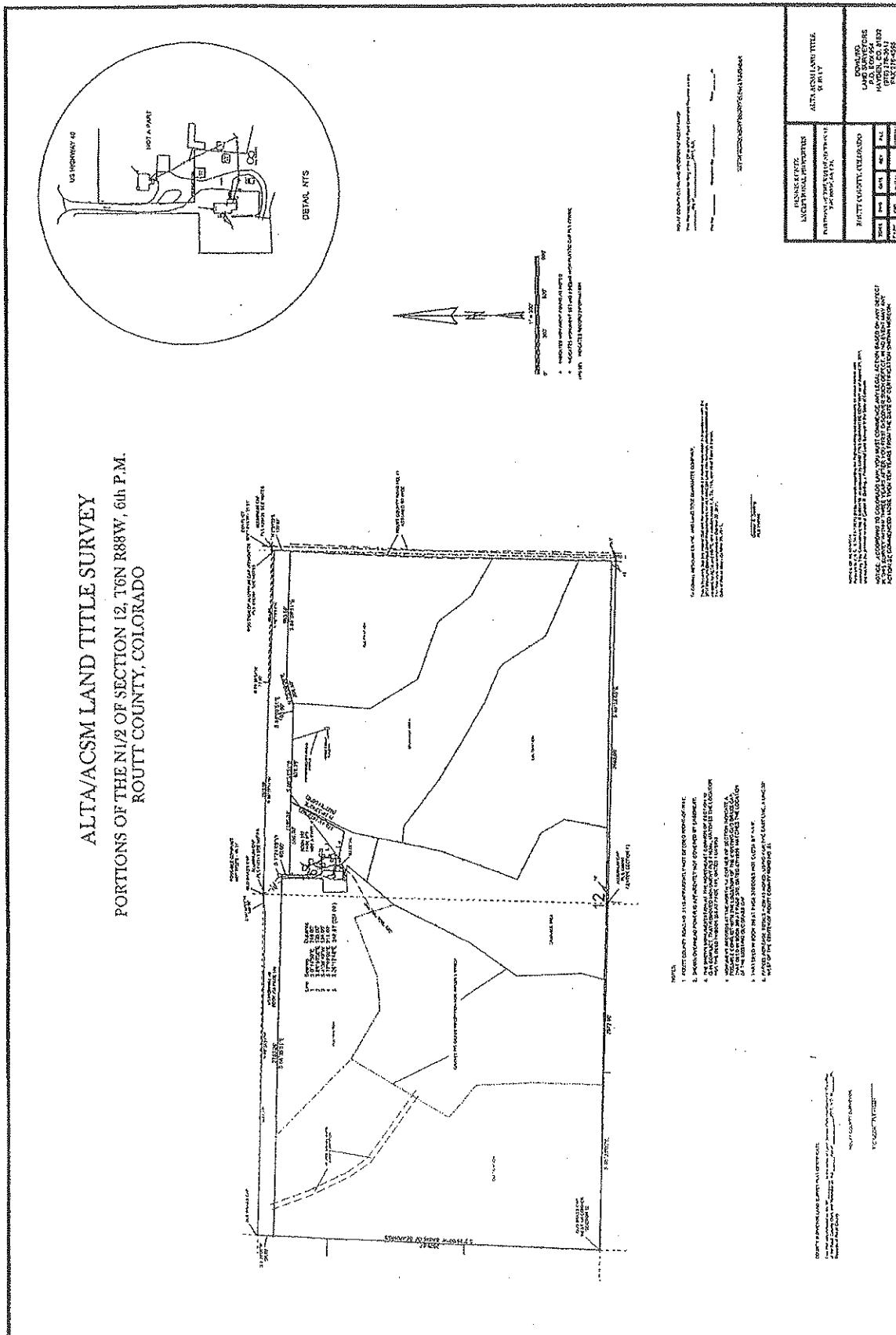
Dana Cruz
Notary Public



MY COMMISSION EXPIRES:
August 13, 2018







Legal Description

Funk Gravel Pit

47.6 acres in the NW ¼ Sect. 12, T6N, R88w of the 6th Principal Meridian. Routt County, State of Colorado.

Adjacent Property Owners

CWH Properties, LLC

7785 Highland Meadows Pkwy #100

Ft. Collins, CO 80528

DJF Trust

P.O. Box 28

Hayden, CO 81639

Giacomo D. & Colleen Camiletti

P.O. Box 249

Hayden, CO 81639

Wayne & Deanna Sweetser

P.O. Box 64

Hayden, CO 81639

Willard More

10380 Highway 40

Hayden, CO 81639

Thomas Walsh

3025 W. Victory Way

Craig, CO 81625

Todd E. Camiletti

P.O. Box 1262

Hayden, CO 81639

Jeannies Properties, INC

P.O. Box 1113

Hayden, CO 81639

Dorothy Williams

P.O. Box 1802

Hayden, CO 81639

Daisy T. Epps Revocable Trust

4409 Sherman St.

Marshall, TX 75672

BZ&W, INC & Grandmothers, INC

3706 Stonebridge Ct

Topeka, KS 66610

Deborah & Frank Watson

11510 County Rd 69a

Hayden, CO 81639

Michael & Connie Bell

P.O. Box 778

Hayden, CO 81639

Robert L. Williams Trust & Alice L. Williams
Trust

P.O. Box 988

Hayden, CO 81639

The Nature Conservancy

4245 N Fairfax Dr #100

Arlington, VA 22203-1606

Excel Energy

ATTN: Director, corporate real estate

550 15th St

Denver, CO 80202-4256

Ernest & Linda Archuleta

P.O. Box 724

Hayden, CO 81639

Existing Conditions

Funk Gravel Pit

Currently, Routt County is in phase 2 gravel mining operations (see mining plan). Attached is information regarding existing soils, vegetation, wildlife and climate. References to pit expansion relate to the 2002 expansion of the pit. The current proposal is for renewal only- no changes or expansion.

STATE OF COLORADO
Bill Owens, Governor
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WILDLIFE
AN EQUAL OPPORTUNITY EMPLOYER

Russell George, Director
6060 Broadway
Denver, Colorado 80216
Telephone: (303) 297-1192



*For Wildlife-
For People*

November 27, 2000

NOV 29 2000

Tammie Jakino, Field Coordinator
Routt County Road and Bridge
PO Box 773598
Steamboat Springs, CO 80477

RE: Funk Gravel Pit Expansion

Dear Tammie,

I'm writing in response to your request for comments on wildlife impacts from the proposed expansion of the Funk Gravel Pit east of Hayden. There are no known occurrences or critical habitats of any State or Federal threatened or endangered species in the project area. One specie of special concern/interest in the area is the Greater Sandhill Crane. These birds use the area around the Funk Gravel Pit extensively in the fall and spring during their migration. One common cause of accidental death for these birds is the striking of power lines. If any power lines are to be constructed as a part of this project it would be helpful to mark them in some fashion to make them more visible to these birds.

Don't hesitate to contact me if I can be of additional help.

Sincerely,

James M. Haskins
District Wildlife Manager
Hayden District

cc. Area

DEPARTMENT OF NATURAL RESOURCES, Greg E. Walcher, Executive Director.
WILDLIFE COMMISSION, Bernard L. Black, Jr., Chairman • Rick Enstrom, Vice-Chairman • Philip James, Secretary
Members. Tom Burke • Mark LeValley • Marianna Raftopoulos • Robert Shoemaker • Olive Valdez



United States
Department of
Agriculture

Natural Resources
Conservation
Service
(NRCS)

Steamboat Springs Field Office
1475 Pine Grove Road
Suite 201A
Steamboat Springs, CO 80487

Telephone: (970) 879-3225

<http://www.co.nrns.usda.gov> Fax: (970) 879-2517

July 11, 2001

Tammie Jakino
Field Coordinator
Routt County Road & Bridge
P.O. Box 773598
Steamboat Springs, CO 80477

Dear Tammie,

Enclosed you will find a soils map and inventory of the proposed County gravel pit on the Funk property 1.5 miles east of Hayden, CO.

SOILS

The soil found on the proposed pit area is 7C, Morapos loam, 3 to 12% slopes. See the attached soil map and description for more information.

VEGETATION

The site is currently being farmed by the Funks' and was planted to winter wheat last fall.

PIT OPERATION

As the pit is mined I would like to see 10' buffers left above all the existing native slopes that drain directly into the natural drainage ways. This would keep all the silts and other fine materials directed back into the pit and out of the natural drainage's.

RECLAMATION

When mining is started the top 10" of topsoil should be striped, stockpiled, and seeded to 50% Smooth brome and 50% Pubescent wheatgrass, at 20 lbs./ac. This stockpile should be kept free of all noxious weeds. After mining is complete, all slopes should be rough graded to 3:1 or flatter slopes and then the topsoil should be replaced.

SEED MIXTURE

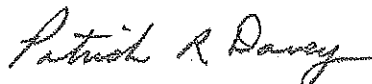
| | <u>Variety</u> | <u>% of mix</u> | <u>PLS lbs./ac</u> |
|--------------------|----------------|-----------------|--------------------|
| Smooth brome | Manchar | 30 | 4.0 |
| Pubescent Wheatgr. | Luna | 30 | 4.5 |
| Western Wheatgr. | Arriba | 20 | 3.5 |
| Alfalfa | Ladak | 20 | 1.5 |

Seeding should be done in the late fall, after October 1 or in the early spring, before May 7th. After seeding, the area should be mulched with 2000 lbs./ac. of clean straw or equivalent. Then the straw needs to be crimped in with a small straight angled disc to anchor the straw into the soil. No livestock grazing should be allowed for three years or whenever the grasses are well established.

WEED CONTROL

For several years after seeding, the area needs to be kept free of weeds by spot spraying.

Sincerely,



Patrick R Davey
District Conservationist

7C--Morapos loam, 3 to 12 percent slopes. This deep, well drained soil is on hillslopes and benches. It formed in residuum derived from shale and in eolian deposits. Elevation is 6,300 to 7,200 feet. The average annual precipitation is 16 to 17 inches, the average annual air temperature is 41 to 43 degrees F, and the frost-free period is 75 to 95 days.

Included in this unit are small areas of Bulkley soils and Hesperus soils.

Typically, the surface layer is dark brown loam 11 inches thick. The subsoil is yellowish brown clay loam 28 inches thick. The substratum to a depth of 60 inches or more is very pale brown clay loam.

Permeability of this Morapos soil is slow. Available water capacity is moderate. Effective rooting depth is 60 inches or more. Runoff is slow, and the hazard of water erosion is slight.

This unit is used for nonirrigated crops, livestock grazing and wildlife habitat. Wheat is the main nonirrigated crop.

If this unit is used for nonirrigated crops, the main limitations are crusting of the surface and the hazard of water erosion.

The potential plant community on this unit is mainly western wheatgrass, needleandthread, prairie Junegrass, buttongrass, Indian ricegrass, and mountain big sagebrush.

The average annual production of air-dry vegetation ranges from 900 to 1,800 pounds per acre.

If this unit is used for homesite development, the main limitations are shrink-swell potential and slow permeability.

This map unit is in capability subclass IVe. It is in the Deep Loam range site.

SOIL INTERPRETATIONS RECORD

7C MORAPOS LOAM, 3 TO 12 PERCENT SLOPES

THE MORAPOS SERIES CONSISTS OF VERY DEEP, WELL DRAINED SOILS FORMED IN RESIDUUM DERIVED FROM SANDSTONE AND SHALE AND IN LOESS. TYPICALLY, THE SURFACE LAYER IS GRAYISH BROWN CLAY LOAM 5 INCHES THICK. THE SUBSOIL IS YELLOWISH BROWN CLAY 18 INCHES THICK. THE SUBSTRATUM IS PALE BROWN CLAY LOAM TO 60 INCHES OR MORE.

| LANDSCAPE AND CLIMATE PROPERTIES | | | | | | | | | | | | | |
|----------------------------------|--|-----------------|--|----------------------|--|----------------|--|----------------|--|-------------|--|--|--|
| ANNUAL AIR TEMPERATURE | | FROST FREE DAYS | | ANNUAL PRECIPITATION | | ELEVATION (FT) | | DRAINAGE CLASS | | SLOPE (PCT) | | | |
| 41-44 | | 65-85 | | 16-18 | | 6500-7300 | | W | | 3-12 | | | |

| ESTIMATED SOIL PROPERTIES | | | | | | | | | | | | | | |
|---------------------------|--------------|--|--|-----------|--|----------|--|---------------------|----------------------|--|-----|--------|-------|------------|
| DEPTH (IN.) | USDA TEXTURE | | | UNIFIED | | AASHTO | | FRACT. >10 IN (PCT) | FRACT. 3-10 IN (PCT) | PERCENT OF MATERIAL LESS THAN 3" PASSING SIEVE NO. | | | | CLAY (PCT) |
| | | | | | | | | | | 4 | 10 | 40 | 200 | |
| 0-11 | L | | | CL-ML, CL | | A-4 | | 0 | 0 | 100 | 100 | 90-100 | 55-70 | 18-27 |
| 11-31 | CL, C | | | CL | | A-6, A-7 | | 0 | 0 | 100 | 100 | 95-100 | 70-90 | 35-45 |
| 31-60 | CL, C | | | CL | | A-6, A-7 | | 0 | 0 | 100 | 100 | 95-100 | 75-90 | 27-50 |

| DEPTH (IN.) | LIQUID LIMIT | PLASTICITY INDEX | MOIST BULK DENSITY (G/CM ³) | PERMEABILITY (IN/HR) | AVAILABLE WATER CAPACITY (IN/IN) | SOIL REACTION (PH) | SALINITY (MMHOS/CM) | SAR | CEC (ME/100G) | CaCO ₃ (PCT) | GYPSUM (PCT) |
|-------------|--------------|------------------|---|----------------------|----------------------------------|--------------------|---------------------|-----|---------------|-------------------------|--------------|
| | | | | | | | | | | | |
| 11-31 | 35-45 | 15-25 | 1.30-1.40 | 0.06-0.2 | 0.14-0.16 | 6.6-7.3 | 0-0 | 0-0 | 25-40 | 0-0 | 0-0 |
| 31-60 | 30-50 | 10-30 | 1.30-1.40 | 0.06-0.2 | 0.13-0.16 | 7.9-9.0 | 0-2 | 0-2 | 25-40 | 1-3 | 0-0 |

| DEPTH (IN.) | ORGANIC MATTER (PCT) | SHRINK-SWELL POTENTIAL | EROSION FACTORS | | | WIND EROD. GROUP | WIND EROD. INDEX | CORROSIVITY | |
|-------------|----------------------|------------------------|-----------------|----------------|---|------------------|------------------|-------------|----------|
| | | | K | K _f | I | | | STEEL | CONCRETE |
| 0-11 | 2-4 | LOW | .24 | .24 | 5 | 6 | 48 | HIGH | LOW |
| 11-31 | 5-1 | HIGH | .20 | .20 | | | | | |
| 31-60 | 5-1 | HIGH | .20 | .20 | | | | | |

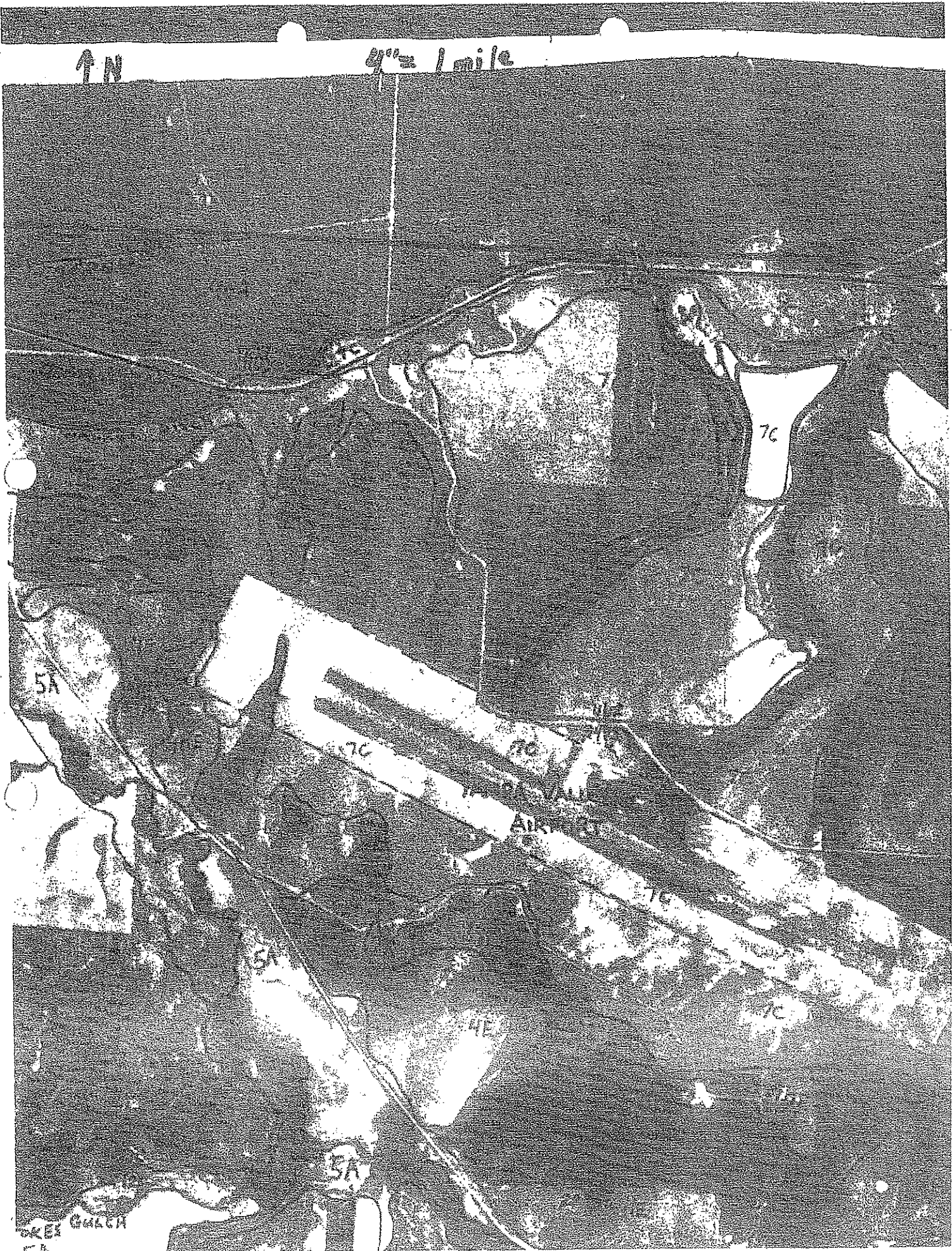
| FLOODING | | | HIGH WATER TABLE | | | CEMENTED PAV. | | BEDROCK | | SUBSIDENCE | | HYD. GRP. | POTENTIAL FROST ACTION |
|-----------|----------|--------|------------------|------|--------|---------------|----------|------------|----------|------------|------------|-----------|------------------------|
| FREQUENCY | DURATION | MONTHS | DEPTH (FT) | KIND | MONTHS | DEPTH (IN) | HARDNESS | DEPTH (IN) | HARDNESS | INIT. (IN) | TOTAL (IN) | | |
| NONE | | | >6.0 | | | | | >60 | | | | C | LOW |

| SANITARY FACILITIES | | CONSTRUCTION MATERIAL | |
|-------------------------------|---------------------|-----------------------|---------------------------------|
| SEPTIC TANK ABSORPTION FIELDS | SEVERE-PERCS SLOWLY | ROADFILL | POOR-SHRINK-SWELL, LOW STRENGTH |
| SEWAGE LAGOON AREAS | SEVERE-SLOPE | SAND | IMPROBABLE-EXCESS FINES |
| SANITARY LANDFILL (TRENCH) | SEVERE-TOO CLAYEY | GRAVEL | IMPROBABLE-EXCESS FINES |
| SANITARY LANDFILL (AREA) | SLIGHT | TOPSOIL | POOR-TOO CLAYEY |
| DAILY COVER FOR LANDFILL | POOR-TOO CLAYEY | WATER MANAGEMENT | |
| | | POND RESERVOIR AREA | MODERATE-SLOPE |

| BUILDING SITE DEVELOPMENT | | | |
|--------------------------------------|-----------------------------------|------------------------------|---------------------|
| SHALLOW EXCAVATIONS | MODERATE-TOO CLAYEY | EMBANKMENTS DIKES AND LEVEES | MODERATE-PIPING |
| DWELLINGS WITHOUT BASEMENTS | SEVERE-SHRINK-SWELL | EXCAVATED PONDS AQUIFER FED | SEVERE-NO WATER |
| DWELLINGS WITH BASEMENTS | SEVERE-SHRINK-SWELL | DRAINAGE | DEEP TO WATER |
| SMALL COMMERCIAL BUILDINGS | SEVERE-SHRINK-SWELL | IRRIGATION | SLOPE, PERCS SLOWLY |
| LOCAL ROADS AND STREETS | SEVERE-SHRINK-SWELL, LOW STRENGTH | TERRACES AND DIVERSIONS | PERCS SLOWLY |
| LAWNS, LANDSCAPING AND GOLF FAIRWAYS | SLIGHT | GRASSED WATERWAYS | PERCS SLOWLY |

↑ N

4" = 1 mile



Climate - Funk Gravel Pit Expansion

High Plains Climate

Traffic Analysis

Funk Gravel Pit

Access to the funk pit is via US 40. Routt County currently operates under a CDOT access permit number 301056 (attached), and will continue to do so. Maximum traffic was estimated by multiplying the number of trucks the county owns by the hours available to haul. See attached. References to pit expansion are related to the 2002 expansion. The current proposal is for renewal only- no change or expansion.

**FUNK GRAVEL PIT EXPANSION
MAXIMUM TRAFFIC ANALYSIS**

| # of Trucks | Haul hours (7-3 with lunch break) | Max / trucks per day | |
|-------------|--------------------------------------|-------------------------|----|
| 9 | 7 | 63 | ** |

** This figure is if all Routt County trucks haul on the same day and the same project.

| | | | |
|---|-----------------------------------|-----------------------------------|--|
| COLORADO DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ACCESS PERMIT | | | CDOT Permit No. 301056 |
| | | | State Highway No/Mp/Side 040A/109.730/R |
| Permit fee 0.00 | Date of transmittal 06/13/2001 | Region/Section/Patrol 03/06/07 | Local Jurisdiction Routt |

The Permittee(s);

James D. Funk
 P.O. Box 28
 Hayden, CO 81639
 970-276-3314

Applicant;

Routt County Road & Bridge Dept
 P.O. Box 773598
 Steamboat Springs, CO 80477
 970-879-0831

is hereby granted permission to have an access to the state highway at the location noted below. The access shall be constructed, maintained and used in accordance with this permit, including the State Highway Access Code and any attachments, terms, conditions and exhibits. This permit may be revoked by the issuing authority if at any time the permitted access and its use violate any parts of this permit. The issuing authority, the Department and their duly appointed agents and employees shall be held harmless against any action for personal injury or property damage sustained by reason of the exercise of the permit.

Location:

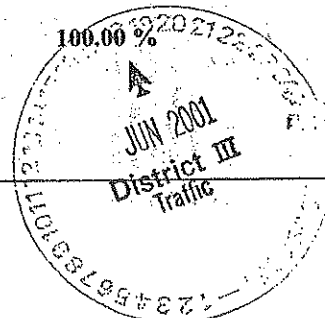
Located on the right side of US 40A at MP 109.728. County Rd 82A is 3,011 feet to the West.

Access to Provide Service to:

Gravel Pit (not to exceed)..... 30 DHV

Other terms and conditions:

* See Attached Pages 2 and 3 and Other Enclosures for Additional Terms and Conditions.



MUNICIPALITY OR COUNTY APPROVAL

Required only when the appropriate local authority retains issuing authority.

| | | |
|-----------|------|-------|
| By (x) | Date | Title |
|-----------|------|-------|

Upon the signing of this permit the permittee agrees to the terms and conditions and referenced attachments contained herein. All construction shall be completed in an expeditious and safe manner and shall be finished within 45 days from initiation. The permitted access shall be completed in accordance with the terms and conditions of the permit prior to being used.

The permittee shall notify Harold Clark with the Colorado Department of Transportation in Hayden at 970-276-3159 at least 48 hours prior to commencing construction within the State Highway right-of-way.

The person signing as the permittee must be the owner or legal representative of the property served by the permitted access and have full authority to accept the permit and its terms and conditions.

| | |
|---------------------------------------|-----------------|
| Permittee (x) <i>James D. Funk</i> | Date 6/14/01 |
|---------------------------------------|-----------------|

This permit is not valid until signed by a duly authorized representative of the Department.
 COLORADO DEPARTMENT OF TRANSPORTATION

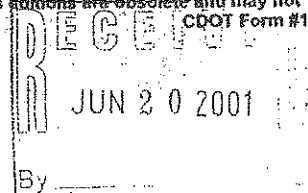
| | | |
|------------------------------|----------------------------------|-------------------------|
| By (x) <i>[Signature]</i> | Date (of issue) June 18, 2001 | Title Access Manager |
|------------------------------|----------------------------------|-------------------------|

Copy Distribution:

- Required:
 1. Region
 2. Applicant
 3. Staff Access Section

Make copies as necessary for:
 Local Authority
 MTCE Patrol
 Inspector
 Traffic Engineer

Previous editions are obsolete and may not be used
 CDOT Form #101 8/98



State Highway Access Permit
Form 101, Page 2

The following paragraphs are excerpts of the State Highway Access Code. These are provided for your convenience but do not eliminate compliance with all sections of the Access Code. A copy of the State Highway Access Code is available from your local issuing authority (local government) or the Colorado Department of Transportation (Department). When this permit was issued, the issuing authority made its decision based in part on information submitted by the applicant, on the access category which is assigned to the highway, what alternative access to other public roads and streets is available, and safety and design standards. Changes in use or design not approved by the permit or the issuing authority may cause the revocation or suspension of the permit.

APPEALS

1. Should the permittee or applicant object to the denial of a permit application by the Department or object to any of the terms or conditions of a permit placed there by the Department, the applicant and permittee (appellant) have a right to appeal the decision to the [Transportation] Commission of Colorado. To appeal a decision, submit a request for administrative hearing to the Transportation Commission of Colorado within 60 days of transmittal of notice of denial or transmittal of the permit for signature. Submit the request to the Transportation Commission of Colorado, 4201 East Arkansas Avenue, Denver, Colorado 80222-3400. The request shall include reasons for the appeal and may include changes, revisions, or conditions that would be acceptable to the permittee or applicant.
2. Any appeal by the applicant or permittee of action by a local issuing authority shall be filed with the local authority and be consistent with the appeal procedures of the local authority.
3. In submitting the request for administrative hearing, the appellant has the option of including within the appeal a request for a review by the Department's internal administrative review committee pursuant to (Code) subsection 2.10. When such committee review is requested, processing of the appeal for formal administrative hearing, (2.9(f) and (6)), shall be suspended until the appellant notifies the Commission to proceed with the administrative hearing, or the appellant submits a request to the Commission or the administrative law judge to withdraw the appeal. The two administrative processes, the internal administrative review committee, and the administrative hearing, may not run concurrently.
4. Regardless of any communications, meetings, administrative reviews or negotiations with the Department or the internal administrative review Committee regarding revisions or objections to the permit or a denial, if the permittee or applicant wishes to appeal the Department's decision to the Commission for a hearing, the appeal must be brought to the Commission within 60 days of transmittal of notice of denial or transmittal of the permit.

PERMIT EXPIRATION

1. A permit shall be considered expired if the access is not under construction within one year of the permit issue date or before the expiration of any authorized extension. When the permittee is unable to commence construction within one year after the permit issue date, the permittee may request a one year extension from the issuing authority. No more than two one-year extensions may be granted under any circumstances. If the access is not under construction within three years from date of issue the permit will be considered expired. Any request for an extension must be in writing and submitted to the issuing authority before the permit expires. The request should state the reasons why the extension is necessary, when construction is anticipated, and include a copy of page 1 (face of permit) of the access permit. Extension approvals shall be in writing. The local issuing authority shall obtain the concurrence of the Department prior to the approval of an extension, and shall notify the Department of all denied extensions within ten days. Any person wishing to reestablish an access permit that has expired may begin again with the application procedures. An approved Notice to Proceed, automatically renews the access permit for the period of the Notice to Proceed.

CONSTRUCTION

1. Construction may not begin until a Notice to Proceed is approved. (Code subsection 2.4)
2. The construction of the access and its appurtenances as required by the terms and conditions of the permit shall be completed at the expense of the permittee except as provided in subsection 2.14. All materials used in the construction of the access within the highway right-of-way or on permanent easements, become public property. Any materials removed from the highway right-of-way will be disposed of only as directed by the Department. All fencing, guard rail, traffic control devices and other equipment and materials removed in the course of access construction shall be given to the Department unless otherwise instructed by the permit or the Department Inspector.
3. The permittee shall notify the individual or the office specified on the permit or Notice to Proceed at least two working days prior to any construction within state highway right-of-way. Construction of the access shall not proceed until both the access permit and the Notice to Proceed are issued. The access shall be completed in an expeditious and safe manner and shall be finished within 45 days from initiation of construction within the highway right-of-way. A construction time extension not to exceed 30 working days may be requested from the individual or office specified on the permit.
4. The issuing authority and the Department may inspect the access during construction and upon completion of the access to ensure that all terms and conditions of the permit are met. Inspectors are authorized to enforce the conditions of the permit during construction and to halt any activities within state right-of-way that do not comply with the provisions of the permit, that conflict with concurrent highway construction or maintenance work, that endanger highway property, natural or cultural resources protected by law, or the health and safety of workers or the public.

5. Prior to using the access, the permittee is required to complete the construction according to the terms and conditions of the permit. Failure by the permittee to abide by all permit terms and conditions shall be sufficient cause for the Department or issuing authority to initiate action to suspend or revoke the permit and close the access. If in the determination of the Department or issuing authority the failure to comply with or complete the construction requirements of the permit create a highway safety hazard, such shall be sufficient cause for the summary suspension of the permit. If the permittee wishes to use the access prior to completion, arrangements must be approved by the issuing authority and Department and included in the permit. The Department or issuing authority may order a halt to any unauthorized use of the access pursuant to statutory and regulatory powers. Reconstruction or improvement of the access may be required when the permittee has failed to meet required specifications of design or materials. If any construction element fails within two years due to improper construction or material specifications, the permittee shall be responsible for all repairs. Failure to make such repairs may result in suspension of the permit and closure of the access.
6. The permittee shall provide construction traffic control devices at all times during access construction, in conformance with the M.U.T.C.D. as required by section 42-4-104, C.R.S., as amended.
7. A utility permit shall be obtained for any utility work within highway right-of-way. Where necessary to remove, relocate, or repair a traffic control device or public or private utilities for the construction of a permitted access, the relocation, removal or repair shall be accomplished by the permittee without cost to the Department or issuing authority, and at the direction of the Department or utility company. Any damage to the state highway or other public right-of-way beyond that which is allowed in the permit shall be repaired immediately. The permittee is responsible for the repair of any utility damaged in the course of access construction, reconstruction or repair.
8. In the event it becomes necessary to remove any right-of-way fence, the posts on either side of the access shall be securely braced with an approved end post before the fence is cut to prevent any slacking of the remaining fence. All posts and wire removed are Department property and shall be turned over to a representative of the Department.
9. The permittee shall ensure that a copy of the permit is available for review at the construction site at all times. The permit may require the contractor to notify the individual or office specified on the permit at any specified phases in construction to allow the field inspector to inspect various aspects of construction such as concrete forms, subbase, base course compaction, and materials specifications. Minor changes and additions may be ordered by the Department or local authority field inspector to meet unanticipated site conditions.
10. Each access shall be constructed in a manner that shall not cause water to enter onto the roadway or shoulder, and shall not interfere with the existing drainage system on the right-of-way or any adopted municipal system and drainage plan.
11. By accepting the permit, permittee agrees to save, indemnify, and hold harmless to the extent allowed by law, the issuing authority, the Department, its officers, and employees from suits, actions, claims of any type or character brought because of injuries or damage sustained by any person resulting from the permittee's use of the access permit during the construction of the access.

CHANGES IN ACCESS USE AND PERMIT VIOLATIONS

1. It is the responsibility of the property owner and permittee to ensure that the use of the access to the property is not in violation of the Code, permit terms and conditions or the Act. The terms and conditions of any permit are binding upon all assigns, successors-in-interest, heirs and occupants. If any significant changes are made or will be made in the use of the property which will affect access operation, traffic volume and or vehicle type, the permittee or property owner shall contact the local issuing authority of the Department to determine if a new access permit and modification to the access are required.
2. When an access is constructed or used in violation of the Code, section 43-2-147(5)(c), C.R.S., of the Act applies. The Department or issuing authority may summarily suspend an access permit and immediately order closure of the access when its continued use presents an immediate threat to public health, welfare or safety. Summary suspension shall comply with article 4 of title 24, C.R.S.

MAINTENANCE

1. The permittee, his or her heirs, successors-in-interest, assigns, and occupants of the property serviced by the access shall be responsible for meeting the terms and conditions of the permit, the repair and maintenance of the access beyond the edge of the roadway including any cattle guard and gate, and the removal or clearance of snow or ice upon the access even though deposited on the access in the course of Department snow removal operations. Within unincorporated areas the permittee will keep access culverts clean as part of maintenance of the highway drainage system. However, the permittee is responsible for the repair and replacement of any access-related culverts within the right-of-way. Within incorporated areas, drainage responsibilities for municipalities are determined by statute and local ordinance. The Department will maintain the roadway including auxiliary lanes and shoulders, except in those cases where the access installation has failed due to improper access construction and/or failure to follow permit requirements and specifications in which case the permittee shall be responsible for such repair. Any significant repairs such as culvert replacement, resurfacing, or changes in design or specifications, requires authorization from the Department.

TERMS AND CONDITIONS

1. This permit replaces any and all additional access permits that may be in existence. All other access to the property shall be removed.
2. This permitted access is only for the use and purpose stated in the Application and Permit. This Permit is issued in accordance with the Access Code (2 CCR 601-1), and is based in part upon the information submitted by the Permittee. Any changes in traffic volumes or type, drainage, or other operational aspects may render this permit void, requiring a new permit to be applied for based upon existing and anticipated future conditions. Any subsequent relocation, reconstruction, or modifications to the access or changes in the traffic volume or traffic nature using the access shall be requested for by means of a new application.
3. The traffic limitations listed on the face of this permit shall be adhered to. The traffic volumes are listed in Design Hourly Volume (DHV) trips or Average Daily Trips (ADT) where entering the site and returning counts as two trips. Vehicle counts using the access shall be adjusted for vehicles longer than 20 feet in accordance with Section 2.3(4)(e).
4. A Notice to Proceed is required prior to beginning construction. The following items are required before a Notice to Proceed will be issued:
 - (1) Certificate of Insurance Liability as per Section 2.3(11)(i) of the State Highway Access Code.
 - (2) Traffic Control Plan in accordance with Section 2.4(6) of the Access Code.
5. The access shall be constructed 30 feet wide with radii to accommodate the minimum turning radii of the largest vehicle or 25-foot, whichever is greater. OR curb, gutter, and radii to the requirements of the local jurisdiction.
6. An 18-inch minimum culvert with protective end treatments shall be required for this access. The culvert shall be kept free of blockage to maintain proper flow and drainage.
7. The access shall be constructed perpendicular to the travel lanes of the State Highway for a minimum distance of 40 feet from the edge of roadway or the right-of-way line, whichever is greater, and shall slope down and away from the adjacent pavement edge at a rate of 2% grade for a minimum of 20 feet. If curb and gutter are present, the slope shall be calculated from pan line to pan line. Any revisions to this requirement shall be subject to Department review and approval prior to commencement of any work within the highway right-of-way.
8. Pursuant to section 4.10.2 of the Access Code, the access roadway shall not exceed a maximum grade of 10 percent within the highway right-of-way, as measured 50 feet beyond the pavement edge and extending to the right-of-way line. The access vertical grade shall be designed and constructed in conformance with the Department M & S standard M-203-1.
9. Slopes shall be at a 6:1 ratio on the roadway and a 6:1 ratio on the approach.
10. The access shall be surfaced in accordance with Section 4.7 of the Access Code immediately upon completion of earthwork construction and prior to use. This access shall be hard surfaced in accordance with Section 4.7 of the Access Code a minimum distance of 50 feet from the traveled way. Where the hard surface is to abut existing pavement, the existing pavement shall be saw cut and removed a minimum of one foot back from the existing edge for bituminous, or until an acceptable existing cross slope is achieved. Surfacing shall meet the Department's specifications with minimum surfacing to be equal to or greater than existing highway conditions.
11. Water, sanitary, sewer, gas, electrical, communication, landscaping, and telephone installations will require individual additional permits.

TERMS AND CONDITIONS (cont.)

12. The Permittee is responsible for obtaining any necessary additional federal, state and/or City/County permits or clearances required for construction of the access. Approval of this access permit does not constitute verification of this action by the Permittee.
13. It shall be the responsibility of the Permittee to verify the location of the existing utilities and notify all utility owners or operators of any work that might involve utilities within the State Highway right-of-way. Any work necessary to protect existing permitted utilities, such as an encasement will be the responsibility of the Permittee. Any damage or disruption to any utilities during the construction shall be the Permittee's responsibility and shall be repaired or replaced at no cost to the Department.
14. Survey markers or monuments found in state highway right-of-way must be preserved in their original positions. Notify the Department at (970) 248-7234 immediately upon damage to or discovery of any such markers or monuments at the work site. Any survey markers or monuments disturbed during the execution of this permit shall be repaired and/or replaced immediately at the expense of the Permittee.
15. A fully executed complete copy of this permit must be on the job site with the contractor at all times during the construction. Failure to comply with this or any other construction requirement may result in the immediate suspension of work by order of the department inspector or the issuing authority.
16. Traffic control shall be provided on site during the duration of construction of access and highway improvements in accordance with the Manual on Uniform Traffic Control Devices (MUTCD) and a Traffic Control Plan prepared by a American Traffic Safety Services Association (ATSSA) or Colorado Contractors Association certified Traffic Control Supervisor in accordance with the MUTCD and Colorado Supplements.
17. All work that requires traffic control shall be supervised by a registered professional traffic engineer or by a traffic control supervisor certified by the American Traffic Safety Services Association (ATSSA) or the Colorado Contractors Association (CCA). When flagging personnel are required, the contractor in accordance with the Department standards shall certify them.
18. Any incomplete construction activity on the State Highway that must be left overnight, shall be barricaded and signed in accordance with the Manual on Uniform Traffic Control Devices and other applicable standards.
19. Open cuts, which are 6 inches in depth, within 30 feet of the edge of the State Highway traveled way, will not be left open at night, on weekends, or on holidays.
20. No more than 6 feet of trench areas shall be opened at any one time. Open trenches and other excavations within the State Highway right-of-way shall be backfilled and/or paved before 3:30 P.M. of each working day or be protected in accordance with the M.U.T.C.D.
21. Any work within State Highway right-of-way shall begin after 8:30 A.M. and all work and equipment shall be off the highway BEFORE 3:30 P.M. each day.
22. Two-way traffic shall be maintained at all times on the highway in accordance with the MUTCD and Colorado Supplements or as otherwise approved.
23. No work will be allowed at night, Saturdays, Sundays and legal holidays without prior authorization from the Department. The Department may also restrict work within the State Highway right-of-way during adverse weather conditions.
24. Construction traffic control devices, when not in use, shall be removed or turned away from traffic.
25. All temporary pavement striping shall be done by the Permittee/contractor in conformance with section 627 of The Department's standard specifications for Road and Bridge Construction (latest edition).

June 13, 2001

TERMS AND CONDITIONS (cont.)

26. No drainage from this site shall enter onto the State Highway travel lanes. The Permittee is required to detain all drainage in excess of historical flows and time of concentration on site. All existing drainage structures shall be extended, modified or upgraded, as applicable, to accommodate all new construction and safety standards, in accordance with the Department's standard specifications.
27. The permittee shall keep the culvert openings clear of debris and maintain the culvert in operating condition.
28. When it is necessary to remove any highway right-of-way fence, the posts on either side of the access entrance shall be securely braced with approved end posts and in conformance with the Department's M-607-1 standard, before the fence is cut, to prevent slacking of the remaining fence. All materials removed shall be returned to the Department.
29. It is the responsibility of the Permittee to prevent all livestock from entering the State Highway right-of-way at this access location. Any livestock that does enter the highway right-of-way shall be the sole responsibility of the Permittee.
30. Landscaping shall not obstruct sight distance at any State Highway access point. In the event the landscaping becomes unsightly or considered to be a traffic hazard, The Department may require that it be removed promptly by the Permittee and at no cost to the Department.
31. If the access utilizes a gate, the gate shall be set back far enough from the highway so that the longest vehicle using the access can clear the roadway when the gate is closed.
32. All required access improvements shall be installed prior to the herein-authorized use of this access.
33. Upon completion of the access, the applicant shall notify the Access Manager by certified mail within 10 days at:

Colorado Department of Transportation
Region 3 - Access Manager
222 South 6th Street, Room 100
Grand Junction, Colorado 81501

Description of Mining operation

Funk Gravel Pit

Routt County has made no changes to the Mining plan adopted in 2002. Currently, production is in Phase 2. See attached. Although personnel are on site at 6:30am, equipment and machinery is only run from 7am to 3:30pm. Any references to expansion relate to the 2002 expansion. The current proposal is for renewal only- no changes or expansion.

DRAFT

FUNK GRAVEL PIT
Permit No. M-79-058 (Funk & Hooker Pit)
Phased Mining Plan

Phase 1

Routt County is proposing to expand the current Funk Gravel Pit. The permit is to be converted from a Limited Impact Operations Permit 110 to the Regular Operations Permit 112.

The total area encompassed by this permit will be 47.6 acres. This includes the currently permitted area of 9.9 acres.

The existing pit will act as the operational area, the floor of which has an area of about two acres. The topsoil for reclaiming this area is stockpiled to the north. Therefore, there will be no further reclamation of this area until the final phase of reclamation. The crushers, support equipment, sanitary facilities, and employee vehicles will be in this area.

A dust suppressant will be applied to the access road and the operational area. Any dust generated by the crushing will be suppressed via water spray bars on the conveyor belts.

The mining will begin from the existing gravel pit floor and advance to the east. To allow for drainage and still develop the most gravel, the slope of the pit floor will be set at about a 1% grade, draining to the west.

The side slopes of the north and south faces will be cut to 2:1 (2 horizontal : 1 vertical) slopes, i.e. a 27% backslope, which is flatter than the natural angle of repose for the gravel bed. The bottom of the pit will be about 200 feet in width. The mining will advance to the east for about 650 feet from the elevation of the existing pit area. The easterly slope will initially cut to a 2:1 slope to get the most gravel available. This will then be flattened out (by using overburden material) at a 4:1 slope (4 horizontal : 1 vertical), representing final reclamation slope.

The stripping of topsoil, overburden, and exposure of the gravel will be done initially by scrapers. Afterwards, materials will be moved via bulldozers and front-end loaders. Generally, the processed material stockpiles will follow the advancement of the radial stackers.

Crushing operations will not be done annually, but on an as-needed basis. i.e., When the crusher is set up, from 40,000 to 60,000 cubic yards of material is expected to be crushed. The material will be stockpiled and hauled out at an estimated rate of 20,000 to 35,000 cubic yards for first year. After that, the depletion rate will be about 10,000 to 15,000 cubic yards per year. Near the depletion of the stockpile, the crusher operation will again be set up. It is estimated that 162,000 cubic yards of gravel will be removed from Phase 1. The time frame is estimated to be 10 years.

The total mined area (all 3 phases) is estimated to be 15.29 acres. With an estimated average thickness of 8 inches, the generated topsoil material will be about 16,445 cubic yards. This will be stockpiled to the east in a trapezoidal area of 70,000 sq.ft. and a depth of 6 ft. Overburden

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will be stockpiled to the south of the topsoil, covering an area of about 175,000 sq.ft. and a depth of 8 ft. Both of these piles are to be placed to the east, so that they are out of the operating area and will only have to be moved once. The total area of disturbance in Phase 1 is estimated to be about 5.6 acres.

Phase 2

This phase will take off from Phase 1 and continue mining to the south for a distance of about 500 feet. The topsoil and overburden materials will be stockpiled in the identified areas. If the estimated quantity of overburden should exceed that of the estimated area, the overburden stockpile will be advanced to the south.

The final slopes of the east and south sides will be mined to a 2:1 backslope. Upon reclamation, these slopes will be flattened to a 4:1 slope by using the overburden that has been stockpiled to the east of the operation.

The total volume of material in Phase 2 is estimated to be 70,200 cubic yards. Of this, 7,314 cubic yards is estimated to be topsoil, and 10,000 cubic yards is estimated to be overburden. These estimates are to be re-evaluated during the mining operation. Based on these figures, the life of Phase 2 is estimated to be 4 years.

Phase 3

At the completion of Phase 2, the mining operation will shift to the northern berm which was left in place to screen the pit from U.S. 40 traffic. This berm (identified as FINAL on the plan drawings) will be "daylighted" to the north at a slope of minus 1%. This area is about 2.8 acres. The total volume is estimated to be 84,324 cubic yards. Of this, 3,076 cubic yards is estimated to be topsoil, and 5,000 cubic yards is estimated to be overburden. These estimates are to be re-evaluated during the mining operation. Based on these figures, the life of Phase 3 is estimated to be 5 years.

GENERAL NOTES

Dust Control

Fugitive dust will be controlled by the use of spray bars on the crusher. A water truck will be available to spray the area when there is heavy machinery use and hauling.

Access to this pit is via U.S. 40, a distance of about 1,000 feet. Other than being a field entrance, there is no other activity on this road. The existing floor is the datum (elevation of about 6438) from which the pit will be operated. Ground water is not expected to be encountered. Any water encountered will likely be a direct result of runoff from snow and heavy rainfall. This will be collected in a detention (settling) pond, filtered through straw bales (certified to be

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weed-free, including Jointed Goat Weed) and then carried along the south edge of the existing pit floor to the natural drainageway on the west of the site.

The gravel stockpiles will follow the mining progression to the east, with the current floor area being used for parking of vehicles, sanitary facilities, etc.

Estimates are based on current usage. These are subject to change that will be affected by county growth, upgrading of existing roads, and major construction projects.

This mining plan may be adjusted to suit unforeseen conditions that may effect the volumes of materials. e.g. In Phases 1 and 2, mining may advance to the east into the areas of topsoil and overburden stockpile storage if the overburden to the south becomes economically unfeasible to mine, but the mined area will not go outside of the area defined by the fence to the easterly boundary.

This mining plan is based on information generated from exploration. Should the overburden thickness be greater than estimated, Routt County reserves the right to advance the mining further to the east for both Phases 1 and 2. This will cause the topsoil and overburden stockpiles to be placed in a more southerly direction. However, in no case will any of the mining activity impact the area outside of the specified 47.6 acres.

Routt County will at all times keep an open access road to those fields that are not within the identified mining areas. Until mining operations are ready to be advanced to identified subsequent phased areas, those areas will be kept clear and undisturbed so that the lessor has the capability of grazing livestock and raising crops. Should mining associated vehicles traverse these areas, any traffic impacting will be corrected by disking of the soil to alleviate the compaction problem.

The existing stockpiled topsoil from the original mining site is to be re-seeded with a creeping alfalfa mix so that the lessor may harvest the crop. The newly generated topsoil pile will also be seeded with a creeping alfalfa mix.

Waste Disposal

Funk Gravel Pit

Trash generated from the site is collected daily, and disposed of in an authorized way.

Sanitation Facilities

Funk Gravel Pit

Routt County will use a portable Portolet for our sanitation facilities. This unit is self contained and is on a trailer so it can be moved to designated locations during all 3 phases of mining to ensure safety.

Weed Management Plan

Funk Gravel Pit

Routt County will operate under the noxious weed management plan attached.

Gravel Pit Noxious Weed Management Plan

Introduction

Noxious weeds are invasive plants that are not native to North America and as a consequence have no natural predators or diseases to keep them controlled. They pose a serious threat to native plant populations, agriculture, wildlife, and property values. The State of Colorado and Routt County require noxious weed management on public and private land.

The Funk pit is owned by CWH Properties, LLC and operated by Routt County. In order to be in compliance with the Colorado Noxious Weed Act, Routt County regulations, and the terms and conditions of the gravel permit for this property, the following named plants must be controlled. Any weeds on the County or State Noxious weed lists not named below but detected after this plan is written shall also be controlled. (See appendix B and C.)

The following noxious weeds are subject to management requirements, according to the Routt County Weed Plan or the Colorado noxious weed act of 2003.

Routt County Weed List:

- ___ white top (*Cardaria draba*)
- ___ houndstongue (*Cynoglossum officianale*)
- ___ spotted knapweed (*Centaurea maculosa*)
- ___ diffuse knapweed (*Centaurea diffusa*)
- ___ Russian knapweed (*Centaurea repens*)
- ___ meadow knapweed (*Centaurea pratensis*)
- ___ leafy spurge (*Euphorbia esula*)
- ___ Cypress spurge (*Euphorbia cyparrissias*)
- ___ myrtle spurge (*Euphorbia myrsinites*)
- ___ yellow toadflax (*Linaria vulgaris*)
- ___ Dalmatian toadflax (*Linaria genistifolia*)
- ___ orange hawkweed (*Hieracium aurantiacum*)
- ___ purple loosestrife (*Lythrum saltcaria*)

from the State Weed List:

- ___ oxeye daisy (*Chrysanthemum leucanthemum*)
- ___ Canada thistle (*Cirsium arvense*)
- ___ bull thistle (*Cirsium vulgare*)
- ___ Scotch thistle (*Onopordum acanthium*)
- ___ musk thistle (*Carduus nutans*)
- ___ cheatgrass (*Bromus tectorum*)
- ___ coast tarweed (*Madia sativa*), Mountain tarweed (*Madia glomerata*)

Management Recommendations

Gravel pits are unique sites with special weed management considerations. They are continually disturbed and material is regularly hauled off-site. This necessitates different weed management goals than on other types of property. **It is essential that weeds, including weed seeds, are not spread from this quarry to other areas,** and that is the primary goal of good weed control at this site. This requires an aggressive weed control program.

There are four main stages to weed control at this quarry: detection, prevention, treatment, and monitoring.

Detection of noxious weed species begins with a survey of the site prior to disturbance. Further detection of new weed species is essential, and the property owner shall continually monitor the property for them. Of particular concern are those weeds on the County and the State noxious weed lists.

Prevention is a key component of this plan. Those areas that are being reclaimed shall be re-seeded as soon as possible (and in accordance with any other permits) with a weed-free mix composed primarily of grasses. (Appendix A provides potentially appropriate seed mixes, and the local County Extension Agent can help develop any mixes in the future.) If any hay is used in the reclamation process **State Certified Weed Free Hay** shall be used. Seeding is best accomplished in the fall or with a hydro-mulcher. Any topsoil sold as a part of the permit shall be weed free to prevent weeds from spreading throughout Routt County.

Treatment of noxious weeds varies by the severity of the infestation, the biology of the plant, location, time, and money. Biological, chemical, mechanical, and cultural controls are all important, and to maximize control it is best if more than one method is employed on each weed infestation. Specific treatments are outlined below.

Monitoring of the property for the existence of any new noxious weeds and to determine the effectiveness of controls already applied is a very important aspect of weed management. Early detection and control of noxious weeds will save money and time in the long run. Throughout the growing season this property shall be carefully monitored for the start of any new noxious weed populations. The overall property shall be scouted at least once a year and examined for the start of any weed problems. It is up to the permit holder to become familiar with the weeds on the County and State noxious weed list. Contact the Routt County Weed Program with questions about weed species and suggested treatments.

Specific Treatments

All herbicide recommendations contained herein are for general management purposes only, and are in no way meant to replace or supersede any information contained on the herbicide label. Herbicide labels and recommended rates change and an applicator must read them to see if the following recommendations are still within labeled parameters. **The herbicide label is the law** and any deviation from the instructions on the label constitutes a breaking of the law.

White top (*Cardaria draba*) is also known as hoary cress. It is a perennial, producing by seeds and roots. It does not respond well to any control other than spraying. The premier herbicides for control of whitetop are in the sulfonyleurea group of herbicides and include Escort at 1.5 oz/acre or Telar at 1 oz/acre. The application needs to be made early in the season, preferably prior to full flowering, but absolutely before any fading of color is detected in the blossoms. In the spring, when plants are actively growing, it responds well to 3/4 oz. Escort + 16 oz. 2,4-D amine per acre. Sixteen oz. of Banvel + 16 oz. 2,4-D amine per acre is less effective but still acceptable. Be sure and use a good quality surfactant with these mixes.

Dalmatian and yellow toadflax (*Linaria genistifolia*) and (*Linaria vulgaris*) are perennials, spreading both by root shoots and seed production. They are very aggressive, forming thick mono-cultures where allowed to grow unimpeded. They are difficult to control due to their extensive root and rhizome system, and in the case of Dalmatian toadflax, a waxy cuticle. Repeated treatments will most likely be necessary before they show any significant improvement. Spray with 1 quart per acre of Tordon or 1 quart of Banvel with a quart of 2,4-D amine per acre. Telar and Perspective also provide good control. Round-up is also effective in those areas where grass loss can be tolerated. Surfactant must be used whenever spraying either toadflax.

Spotted knapweed (*Centaurea maculosa*) and diffuse knapweed (*Centaurea diffusa*) are biennial or short-lived perennial plants. They spread solely by seed production, but can quickly dominate an area. Neither plant is very widespread in Routt County, and when found shall be treated aggressively to prevent their establishment. Milestone is the most effective herbicide available for controlling the knapweeds. Tordon at 24 oz. per acre provides the very good control, but Curtail at 32 oz. per acre or Banvel at 24 oz per acre also work well. Remember, Tordon is a **Restricted Use** herbicide, requiring a pesticide applicators license from the Colorado Department of Agriculture and tordon persists in the environment for a very long time.

Russian knapweed (*Centaurea repens*) is a perennial producing by seeds and roots. Best control is achieved by spraying in the spring or fall with 5-7 oz/acre of Milestone. Use a surfact. Another herbicide control is to spray in the spring or fall with 16 oz Tordon + 32 oz. 2,4-D amine per acre with a good quality surfactant. Curtail also provides good

control at 1 quart per acre.

Leafy spurge (*Euphorbia esula*) is a deep rooted perennial, reproducing by seeds and roots. It is one of the most economically and environmentally damaging plants in the West. **It is very difficult to control.** In the spring spray it with 1 quart of Tordon + 1 quart of 2,4-D amine per acre, or 1 quart of Banvel with 1 quart of 2,4-D amine per acre. Twelve oz of Plateau + methylated seed oil shows good control, but must be sprayed in the fall. As it is essential that no seeds be removed from any site where leafy spurge occurs, this would not provide acceptable control unless the spurge was mowed or grazed to prevent it from going to seed in the summer. Very specific site considerations must be evaluated before treating leafy spurge on riparian sites and it is wise to contact the Routt County Weed Program with any questions regarding herbicide use close to water or in areas with a high water table.

Oxeye daisy (*Chrysanthemum leucanthemum*) is an escaped ornamental, perennial, with shallow roots. It spreads by seed and roots. Due to its shallow root system it is readily controlled with cultivation or ripping. It is shade intolerant, and good grass cover helps prevent its establishment. Milestone at 5 oz/acre is a very effective control. Treating a field with 24 oz Tordon or 3/4 oz. Escort (plus surfactant) per acre provides excellent control.

Houndstongue (*Cynoglossum officinale*) is a biennial and very toxic to livestock, especially horses. It causes irreversible liver damage and is an accumulative poison. Early signs of poisoning in horses may include photosensitivity and blistering and peeling of skin on the nose and lips. It forms a low growing rosette the first year and the second year bolts up to 1-2 feet tall, forming rosy-purple flowers followed by a large, flat seed that sticks to almost anything with Velcro-like hooks. It can be controlled with herbicides or by cutting the roots at least 4 inches below the surface with a shovel once it has bolted. Escort at 1.5 oz/acre or Telar at 1 oz/acre, especially if mixed with 1 qt 2,4-D/acre results in very good control. Use a non-ionic surfactant. Tordon or Banvel at 24 oz. per acre, or 2, 4-D amine at 1 quart per acre and a good quality surfactant all provide good control. Spring or fall treatments are best.

Canada thistle (*Cirsium arvense*) is a deep rooted perennial that reproduces both vegetatively and by seed. It forms dense stands, usually reaching a height of 2 to 4 feet with small bluish-purple flowers. It readily appears throughout the County whenever the ground is disturbed. Milestone at 5 oz/acre for young plants or 7 oz/acre for well established infestations is the best treatment available. Spring and fall applications are both effective. Spray it in the spring with 1 quart of Tordon, Banvel or Curtail per acre. It is especially helpful with Canada thistle to re-seed any areas that are disturbed with a good grass mix. Fall applications work well, but only if the plants are mowed in the summer.

Musk thistle (*Carduus nutans*) is a biennial, which reproduces from seed. The first year's growth is a large, compact rosette. Individual plants are effectively controlled with a shovel. The second year the plant bolts, growing to a height of two to six feet, with large spiny leaves with a deep green color. Flowers are large, nodding and purple. A biennial, musk thistle responds well to mechanical control and can be either disked or mowed. Musk thistle also responds well to herbicide control: Milestone at 5-7oz/acre is very effective on musk thistle. Escort at 3/4 oz per acre; 2,4-D amine at 1 quart per acre; Banvel or Tordon at 1.5 pints per acre; Curtail at 1 quart per acre.

Bull thistle (*Cirsium vulgare*) and Scotch thistle (*Onopordum acanthium*) are biennials, and can be treated the same as musk thistle. These weeds are also best controlled with Milestone at 5-7oz/acre, applied in late summer-early fall on first year rosettes or early in the season of the second year before rosettes bolt.

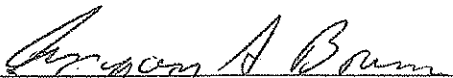
Cheatgrass (*Bromus tectorum*) is a highly invasive annual or winter annual grass, and is the subject of considerable research on effective controls due to its impact on Great Basin rangelands. Aminocyclopyrachlor as Matrix has been found to be effective when applied according to specific label directions. Roundup (glyphosate), Journey, Plateau, and Landmarke may also be effective when used according to label directions.

Tarweed (*Madia glomerata*) is a broadleaf annual. They can be controlled by either using Round-up, where grass loss can be tolerated, or disked before flowering. Because tarweed is an annual and prevention of seed production is the primary goal, an application of 2 qts/acre of 2,4-D 4 lb amine can effectively dessicate the weed and prevent seed maturity. Tarweed can be controlled with Escort at 3/4 oz per acre with a good surfactant. This weed will typically disappear once good grass cover is established.

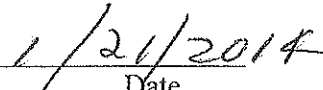
Other Noxious Weeds not listed here: Glyphosate (Roundup) is often, but not always effective when treating individual plants or when loss of grass is not a problem. The Routt County Weed Supervisor will work with the permit holder to develop specific control measures needed to control any noxious weeds found in the future on this property but not described here.

Conclusion

Noxious weed management is essential at gravel pits within Routt County and required under the law. If done regularly proper management techniques should keep a continually disturbed site like a quarry from being a source of weeds to other areas, and not be overly costly. Failure to control the weeds at this site could result in loss of the Special Use Permit for the gravel operation or enforcement of the State Noxious Weed Act on the property owner. The County shall retain the right to inspect for noxious weeds at this site to insure adequate weed control is occurring.



Greg Brown, supervisor
Routt County Weed Program



Date

Permittee
President

Date

Appendix A

Economy Dryland Pasture Mix II

Good for dry sites on marginal soils.

| | |
|--------------------------------|-------------------------------------|
| 15% Orchardgrass, Paiute | 15% Dahurian Wildrye |
| 15% Smooth Brome, Lincoln | 15% Perennial Ryegrass (tetraploid) |
| 15% Crested Wheatgrass, Nordan | 10% Crested Wheatgrass, Hycrest |
| 15% Intermediate Wheatgrass | |

apply at 10 to 15 lb./acre.

Mountain Meadow Mix

A mix for pasture and hay on moist sites at higher altitudes.

| | |
|------------------|---------------------|
| 30% oats, VNS | 10% Annual Ryegrass |
| 25% Orchardgrass | 5% Alsike Clover |
| 25% Smooth Brome | 5% Timothy |

apply at 25 to 40 lb./acre.

Low Grow High Altitude Mix

A mix more like traditional lawns, useful to provide quick, low maintenance cover.
Works well at higher elevations near homes.

| | |
|---------------------------------|---------------------------|
| 30% Crested Wheatgrass, Ephraim | 20% Sheep Fescue |
| 25% Perennial Ryegrass, lowgro | 15% Canada blue bluegrass |
| 10% Chewings Fescue | |

apply at 5 to 10 lbs per 1000 sq. ft.

Appendix B

County Noxious Weeds

Routt County's "designated noxious weeds". Their control is mandatory on public and private lands in the county.

- ☐ white top (*Cardaria draba*)
- ☐ houndstongue (*Cynoglossum officinale*)
- ☐ spotted knapweed (*Centaurea maculosa*)
- ☐ diffuse knapweed (*Centaurea diffusa*)
- ☐ Russian knapweed (*Centaurea repens*)
- ☐ meadow knapweed (*Centaurea pratensis*)
- ☐ leafy spurge (*Euphorbia esula*)
- ☐ Cypress spurge (*Euphorbia cyparrissias*)
- ☐ myrtle spurge (*Euphorbia myrsinites*)
- ☐ yellow toadflax (*Linaria vulgaris*)
- ☐ Dalmatian toadflax (*Linaria genistifolia*)
- ☐ orange hawkweed (*Hieracium aurantiacum*)
- ☐ purple loosestrife (*Lythrum saltcaria*)

Appendix C

State Noxious Weeds

Routt County's "weeds of concern". Their control is strongly encouraged by all landowners in the county. Those in **bold** are known to be problems in the county.

| | |
|---|-----------------------------------|
| 1. Absinth wormwood | <i>Artemisia absinthium</i> |
| 2. African rue | <i>Peganum harmala</i> |
| 3. Black henbane | <i>Hyoscyamus niger</i> |
| 4. Black nighshade | <i>Solanum nigrum</i> |
| 5. Blue mustard | <i>Chorispora tenella</i> |
| 6. Bouncingbet | <i>Saponaria officinalis</i> |
| 7. Bull thistle | <i>Cirsium vulgare</i> |
| 8. Camelthorn | <i>Alhagi pseudalhagi</i> |
| 9. Canada thistle | <i>Cirsium arvense</i> |
| 10. Chicory | <i>Cichorium intybus</i> |
| 11. Chinese clematis | <i>Clematis orientalis</i> |
| 12. Tarweed, mountain or coastal | <i>Madia glomerata or sativa</i> |
| 13. Common burdock | <i>Arctium minus</i> |
| 14. Common crupina | <i>Crupina vulgaris</i> |
| 15. Common groundsel | <i>Senecio vulgaris</i> |
| 16. Common mullein | <i>Verbascum thapsus</i> |
| 17. Common St. Johnswort | <i>Hypericum perforatum</i> |
| 18. Common tansy | <i>Tanacetum vulgare</i> |
| 19. Common teasel | <i>Dipsacus fullonum</i> |
| 20. Cypress spurge | <i>Euphorbia cyparissias</i> |
| 21. Dame's rocket | <i>Hesperis matronalis</i> |
| 22. Downy brome | <i>Bromus tectorum</i> |
| 23. Dyer's woad | <i>Isatis tinctoria</i> |
| 24. Eurasian watermilfoil | <i>Myriophyllum spicatum</i> |
| 25. Field bindweed | <i>Convolvulus arvensis</i> |
| 26. Flixweed | <i>Descurainia sophia</i> |
| 27. Giant salvinia | <i>Salvinia molesta</i> |
| 28. Green foxtail | <i>Setaria viridis</i> |
| 29. Hairy nightshade | <i>Solanum sarrachoides</i> |
| 30. Halogeton | <i>Halogeton glomeratus</i> |
| 31. Houndstongue | <i>Cynoglossum officinale</i> |
| 32. Hydrilla | <i>Hydrilla hydrilla</i> |
| 33. Johnson grass | <i>Sorghum halepense</i> |
| 34. Jointed goatgrass | <i>Aegilops cylindrical</i> |
| 35. Kochia | <i>Kochia scoparia</i> |
| 36. Mayweed chamomile | <i>Anthemis cotula</i> |
| 37. Mediterranean sage | <i>Salvia aethiopis</i> |
| 38. Medusahead rye | <i>Taeniatherum caput-medusae</i> |
| 39. Moth mullein | <i>Verbascum blattaria</i> |
| 40. Musk thistle | <i>Carduus nutans</i> |
| 41. Myrtle spurge | <i>Euphorbia myrsinites</i> |

Appendix C Continued

- 42. Orange hawkweed
- 43. **Oxeye daisy**
- 44. Perennial pepperweed
- 45. Perennial sowthistle
- 46. Plumeless thistle
- 47. **Poison hemlock**
- 48. Puncturevine
- 49. Purple loosestrife
- 50. Quackgrass
- 51. Redstem filaree
- 52. Rush skeletonweed
- 53. Russian olive
- 54. Russian thistle
- 55. Saltcedar
- 56. Scentless chamomile
- 57. Scotch thistle
- 58. Sericea lespedeza
- 59. Shepherdspurse
- 60. Spurred anoda
- 61. Squarrose knapweed
- 62. Sulfur cinquefoil
- 63. Swainsonpea
- 64. Tansy ragwort
- 65. Velvetleaf
- 66. Venice mallow
- 67. **Wild caraway**
- 68. Wild mustard
- 69. **Wild oats**
- 70. Wild proso millet
- 71. Yellow foxtail
- 72. Yellow nutsedge
- 73. Yellow starthistle

Hieracium aurantiacum
Chrysanthemum leucanthemum
Lepidium latifolium
Sonchus arvensis
Carduus acanthoides
Conium maculatum
Tribulus terrestris
Lythrum salicaria
Elytrigia repens
Erodium cicutarium
Chondrilla juncea
Elaeagnus angustifolia
Salsola collina & iberica
Tamarix parviflora & ramosissima
Anthemis arvensis
Onopordum acanthium & tauricum
Lespedeza cuneata
Capsella bursa-pastoris
Anoda cristata
Cenaurea virgata
Potentilla recta
Sphaerophysa salsula
Senecio jacobaea
Abutilon theophrasti
Hibiscus trionum
Carum carvi
Brassica kaber
Avena fatua
Panicum miliaceum
Setaria glauca
Cyperus esculentus
Centaurea solstitialis

Dust Control Plan

Funk Gravel Pit

Routt County is still operating under the AIR Pollutant Emissions Permits associated with the Funk Pit for guidelines to control dust. Routt County also will be spraying the haul road with Magnesium Chloride to control dust and if needed will do extra spraying with a water truck.

STATE OF COLORADO

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



CONSTRUCTION PERMIT

PERMIT NO: 90PO117-2

FINAL APPROVAL

DATE ISSUED: FEBRUARY 13, 2002

ISSUED TO: Routt County Road and Bridge Department

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

Portable equipment home-based at Steamboat Springs, Colorado.

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

One (1) Pioneer, Model: not available, S/N: 152-PRVH-201, primary jaw crusher, design rated at 150 tons per hour. Particulate matter emissions are controlled by water spray bars.

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:



1. All previous versions of this permit (issued as 90RO117-2P) are canceled upon issuance of this permit.
2. The permit number shall be marked on the subject equipment for ease of identification. (Reference: Reg. 3, Part B, IV.E.) (State only enforceable)
3. Each time this equipment is moved to a new location within the State of Colorado the owner or operator shall file a Relocation Notice. Such notice shall be received by the Division at least ten (10) days prior to the change in location. The Relocation Notice shall include a facility emission inventory of all emission units at the site. (Reference: Regulation 3, Part A, II.C.1.f and Part B.IV.E.)
4. This source shall be limited to a maximum production rate as listed below and all other activities, operational rates and numbers of equipment as stated in the application. Annual records of the actual production rate shall be maintained by the applicant and made available to the Division for inspection upon request. (Reference: Regulation 3, Part B, III.A.4)

Processing of rock shall not exceed 100,000 tons per year.

5. Spray ~~bars~~ shall be used if material moisture content is insufficient to control particulate emissions.
6. Emissions of air pollutants shall not exceed the following limitations (as calculated in the Division's preliminary analysis): (Reference: Regulation 3, Part B, III.A.4)

| | |
|------------------------------------|--------------------|
| Particulate Matter: | 0.90 ton per year. |
| PM10 (Particulate Matter < 10 µm): | 0.04 ton per year. |
7. This source is subject to the New Source Performance Standards requirements of Regulation No. 6, Part A Subpart 000, Standards of Performance for Non-Metallic Mineral Processing Plants including, but not limited to, the following:
 - a. Discharge into the atmosphere from the crusher shall not exhibit greater than 15 % opacity.
 - b. Discharge into the atmosphere from conveyors and belt transfer points shall not exhibit greater than 10 % opacity.

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)
-  Records of startups, shutdowns, and malfunctions shall be maintained, as required under § 60.7.
-  Written notification of opacity observation or monitor demonstrations shall be submitted to the Division as required under § 60.7.
- e. Compliance with opacity standards shall be demonstrated according to § 60.11.

8. A Revised Air Pollutant Emission Notice (APEN) shall be filed: (Reference: Reg. 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, a change in actual emissions of five tons per year or more, above the level reported on the last APEN submitted.


For any non-criteria reportable pollutant:

If the emissions increase by 50% or five (5) tons per year, whichever is less, above the level reported on the last APEN submitted to the Division?

- 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.



Ram N. Seetharam
Permit Reviewer



James S. Geier, P.E.
Unit Leader

Initial Approval: August 20, 1990. Issued as Permit No. 90RO117-2P

This issuance is a Final Approval. Issued as Permit No. 90PO117-2 as per the current permit numbering method.

Notes to Permit Holder:

- 1) The production or raw material processing limits and emission limits contained in this permit are based on the production/processing 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 classified as a: Portable Minor Source

GENERAL TERMS AND CONDITIONS: (IMPORTANT! READ ITEMS 5,6,7 AND 8)

1. 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.
2. Unless specifically stated otherwise, the general and specific conditions contained in this permit have been determined by the APCD to be necessary to assure compliance with the provisions of Section 25-7-114.5(7)(a), C.R.S.
3. 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 final approval by the Air Pollution Control Division (APCD) on grounds set forth in the Colorado Air Quality Control Act and regulations of the Air Quality Control Commission (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.
4. This permit and any required attachments must be retained and made available for inspection upon request at the location set forth herein. With respect to a portable source, which is moved to a new location, a copy of the Relocation Notice (required by law to be submitted to the APCD whenever a portable source is relocated) should be attached to this permit. The permit may be reissued to a new owner by the APCD as provided in AQCC Regulation No. 3, Part B, Section III.B. upon a request for transfer of ownership and the submittal of a revised APEN and the required fee.
5. Issuance (initial approval) of an emission permit does not provide "final" authority for this activity or operation of this source. Final approval of the permit must be secured from the APCD in writing in accordance with the provisions of 25-7-114.5(12)(a) C.R.S. and AQCC Regulation No. 3, Part B, Section IV.H. Final approval cannot be granted until the operation or activity commences and has been verified by the APCD as conforming in all respects with the conditions of the permit. If the APCD so determines, it will provide written documentation of such final approval, which does constitute "final" authority to operate. *Compliance with the permit conditions must be demonstrated within 180 days after commencement of operation.*
6. **THIS PERMIT AUTOMATICALLY EXPIRES IF** you (1) do not commence construction or operation within 18 months after either the date of issuance of this permit or the date on which such construction or activity was scheduled to commence as set forth in the permit, whichever is later; (2) discontinue construction for a period of 18 months or more; or (3) do not complete construction within a reasonable time of the estimated completion date. Extensions of the expiration date may be granted by the APCD upon a showing of good cause by the permittee prior to the expiration date.
7. **YOU MUST notify the APCD at least thirty days (fifteen days for portable sources) prior to commencement of the permitted operation or activity.** Failure to do so is a violation of Section 25-7-114.5(12)(a), C.R.S. and AQCC Regulation No. 3, Part B, Section IV.H.1., and can result in the revocation of the permit. *You must demonstrate compliance with the permit conditions within 180 days after commencement of operation as stated in Section 5.*
8. 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.
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.

STATE OF COLORADO

Roy Romer, Governor
Paul Shwayder, Executive Director

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

4300 Cherry Creek Dr. S. Laboratory and Radiation Services Division
Denver, Colorado 80246-1530 8100 Lowry Blvd.
Phone (303) 692-2000 Denver CO 80220-6928
Located in Glendale, Colorado (303) 692-1090

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



Colorado Department
of Public Health
and Environment

AIR POLLUTION CONTROL DIVISION CONSTRUCTION PERMIT
FINAL APPROVAL CERTIFICATION FORM

SOURCE NAME: [Insert Company Name] ROUTT COUNTY

FACILITY IDENTIFICATION NUMBER: [Insert AIRS ID#] 777 0915 001

PERMIT NUMBER: [Insert Construction Permit #] 95R01050P

All information related to the Final Approval certification of the above referenced Initial Approval construction permit must be certified by a responsible official as defined on the attached page. This certification means that each condition of the Initial Approval permit has been reviewed and that the source is in compliance with all conditions of the permit. A Final Approval permit will be issued only if all permit conditions are being met. The attached memo provides guidance on what steps must be taken to certify compliance with various types of permit conditions. This signed certification document must be packaged with the documents being submitted for the request for Final Approval of this permit. A separate Certification along with the associated documentation is required for each individual Initial Approval permit. This includes "dash numbered" permits (e.g. 96LA199-2).

I have reviewed the above paragraph, the attached document entitled "Guidance for Self-Certification", terms and conditions of the initial approval permit referenced above, and the information being submitted for final approval of this permit in its entirety. Based on information and belief formed after reasonable inquiry, I certify that the source is in full compliance with each permit and condition of this initial approval permit, and the statements and information contained in this submittal are true, accurate and complete.

Please note that the Colorado Statutes state that any person who knowingly, as defined in § 18-1-501(6), C.R.S., makes any false material statement, representation, or certification in this application is guilty of a misdemeanor and may be punished in accordance with the provisions of § 25-7 122.1, C.R.S.

PAUL H. DRAPER

Printed or Typed Name

Room Dir.

Title

Paul H. Draper

Signature

7/1/99

Date Signed

* The Facility Identification Number can be found on the lower left corner of the permit.

STATE OF COLORADO

Bill Owens, Governor
Jane E. Norton, Executive Director

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Denver, Colorado 80246-1530
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Denver CO 80220-6928
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Colorado Department
of Public Health
and Environment

Air Pollution Control Division

Facsimile Transmission

To: Lou Gabos - County Engineer

Routt County Rd & Brdg Dept.

FAX #: (970) 897-3992

From: Arch Crouse

Phone: (303) 692-3156

Date: 6/16/99

Time: 8:20 am MDT

FAX # (303) 782-0278

Verification # (303) 692-3150

Total number of pages (including cover sheet): 7

COMMENTS: - Lou - here are copies of both of your permits. We need the Final Approval Certification Forms for both permits, but you still need to do Subpart 000 opacity observations for 90RO117-2P. Thanks, AC

STATE OF COLORADO

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



CONSTRUCTION PERMIT

PERMIT NO: 95-PO-1050

FINAL APPROVAL

DATE ISSUED: FEBRUARY 28, 2000

ISSUED TO: ROUTT COUNTY ROAD AND BRIDGE DEPARTMENT

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

Portable equipment home-based at 30010 West Highway 40, Steamboat Springs, Colorado.

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

One (1) Nordberg, Model: HP300, S/N: 300210, rock crusher, design rated at 200 tons per hour.

Emissions of particulate matter from the processing of materials are controlled by application of water sprays.

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 SET FORTH ON THE REVERSE SIDE OF THIS DOCUMENT AND THE FOLLOWING SPECIFIC TERMS AND CONDITIONS:

1. All previous versions of this permit (issued as 95RO1050P) are canceled upon issuance of this permit.
2. 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. Opacity shall be measured by EPA Method 9. (Reference: Regulation 1, Section II. A. 1. & 4.)
3. This source is subject to the odor requirements of Regulation No. 2. (State only enforceable)
4. Permit number shall be clearly marked and maintained on the subject equipment for ease of identification. (Reference: Reg. 3, Part B, IV. E.) (State only enforceable)
5. Spray bars shall be used if natural moisture is insufficient to control particulate emissions.

777/0915/001

RECEIVED MAR 2 2000

ROUTT COUNTY ROAD AND BRIDGE DEPARTMENT - PORTABLE ROCK CRUSHER
Permit No. 95-PO-1050
Final Approval

6. If more than one provision apply, the most stringent provision shall be applicable..
7. This source shall be limited to throughput as listed below and all other activities, operational rates and numbers of equipment as stated in the application. Monthly records of the actual throughput shall be maintained by the applicant and made available to the Division for inspection upon request. (Reference: Regulation 3, Part B, III. A. 4)

Processing of rock in the crusher / transfer points shall not exceed 130,000 tons per year.

8. Emissions of air pollutants shall not exceed the following limitations (as calculated in the Division's preliminary analysis): Compliance with the annual limits shall be determined on a rolling (12) month total. By the end of each month a new twelve month total is calculated based on the previous twelve months' data. The permit holder shall calculate monthly emissions and keep a compliance record on site for Division review. (Reference: Regulation 3, Part B, III. A. 4)

Particulate Matter: 0.19 ton per year
Particulate Matter < 10 μ m [PM-10]: . . 0.10 ton per year

9. The crusher and transfer points are subject to Regulation No. 6 - Standards of Performance for New Stationary Sources, including, but not limited to, the following:

Part A - Federal Register Regulations Adopted By Reference.

Subpart 000 - Standards of Performance for Non-Metallic Mineral Processing Plants, whenever the equipment is located at a facility with a primary crushing capacity of 25 tons per hours for fixed sand and gravel plants and crushed stone plants, or 150 tons per hour for portable sand and gravel plants and crushed stone plants.

Emissions into the atmosphere from transfer points on belt conveyors, and from screen shall not exhibit greater than 10 percent opacity.

Emissions into the atmosphere from the crusher shall not exhibit greater than 15 percent opacity.

Part B - Specific Facilities and Sources, Non-Federal NSPS.

III - Standards of Performance for New Manufacturing Processes.
Emissions of particulate matter shall not exceed the rates calculated by the equations specified.

ROUTT COUNTY ROAD AND BRIDGE DEPARTMENT - PORTABLE ROCK CRUSHER

Permit No. 95-PO-1050

Final Approval

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 an 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.
- e. Compliance with opacity standards shall be demonstrated according to § 60.11.

A copy of the complete applicable subpart(s) is attached.

10. Each time this equipment is moved to a new location within the State of Colorado the owner or operator shall file a Relocation Notice. Such notice shall be received by the Division at least ten (10) days prior to the change in location. The Relocation Notice shall include a facility emission inventory of all emission units at the site. (Reference: Regulation 3, Part A, II. C. 1. f and Part B. IV. E.)

ROUTT COUNTY ROAD AND BRIDGE DEPARTMENT - PORTABLE ROCK CRUSHER

Permit No. 95-PO-1050

Final Approval

11. A revised Air Pollutant Emission Notice (APEN) shall be filed: (Reference: Reg.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, a change in actual emissions of five tons per year or more, above the level reported on the last APEN; or

For VOC sources in ozone non-attainment areas emitting less than 100 tons of VOC per year, a change in actual emissions of one ton per year or more or five percent, whichever is greater, above the level reported on the last APEN submitted; or

For sources emitting 100 tons per year or more, a change in actual emissions of five percent or 50 tons per year or more, whichever is less, above the level reported on the last APEN submitted; or

A change in actual emissions, above the level reported on the last APEN submitted, of 50 pounds of lead.

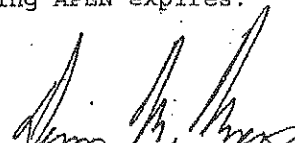
For any non-criteria reportable pollutant:

If the emissions increase by 50% or five (5) tons per year, whichever is less, above the level reported on the last APEN submitted to the Division.

- 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.



Ram N. Seetharam
Permit Reviewer



Dennis Myers, P.E.
Unit Leader
Construction Permits Unit
Stationary Sources Program
Air Pollution Control Division

INITIAL APPROVAL:

APRIL 24, 1996

THIS ISSUANCE IS A FINAL APPROVAL ISSUED AS PERMIT No. 95-PO-1050 AS PER THE CURRENT NUMBERING METHOD.

777/0915/001

ROUTT COUNTY ROAD AND BRIDGE DEPARTMENT - PORTABLE ROCK CRUSHER
Permit No. 95-PO-1050
Final Approval

Notes to Permit Holder:

- 1) The production / throughput or raw material processing limits and emission limits contained in this permit are based on the production/processing 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) The emission levels contained in this permit are based on the following emission factors:

| Pollutant | Emission Factor pound per process unit | | Process Unit | Remarks |
|--------------------|--|----------|-----------------|--------------------|
| Particulate Matter | Crushing | 0.005040 | TON | |
| | Transfers | 0.007000 | TON | transfer to hopper |
| PM-10 | Crushing | 0.002400 | TON | |
| | Transfers | 0.003500 | TON | transfer to hopper |

- 3) This source is classified as a:

Minor Portable Source.
- 4) This source is subject to the Common Provisions Regulation Part II, Subpart E, Upset Conditions and Breakdowns. The permittee shall notify the Division of any upset condition which causes a violation of any emission limit or limits stated in this permit as soon as possible, but no later than two (2) hours after the start of the next working day, followed by written notice to the Division explaining the cause of the occurrence and that proper action has been or is being taken to correct the conditions causing said violation and to prevent such excess emission in the future.
- 5) The following emissions of non-criteria reportable air pollutants are estimated based upon the material consumption / throughput limits. This information is listed to inform the operator of the Division's analysis of the specific compounds. This information is listed on the Division's emission inventory system.

C.A.S. # SUBSTANCE

EMISSIONS [LB/YR]

NONE 0.0

FUNK - 03-00-36-000-7828



Colorado Department of Public Health and Environment

Air Pollution Control Division

Annual Emission Fee Invoice

Pd.

| CUSTOMER NUMBER | BILLING DATE | DUE DATE | INVOICE NUMBER |
|--------------------|-----------------|-------------|-------------------|
| 8460008010 | 2/21/2013 | 4/22/2013 | 201055003 |

16813
JANET HENRY
ATTN: PAUL H. DRAPER, DIRECTOR
ROUTT COUNTY ROAD & BRIDGE DEP
PO BOX 7773598
STEAMBOAT SPRINGS, CO 80477-0000

RECEIVED FEB 27 2013

AMOUNT DUE : \$1.46

Colorado State Law (Section 25-7-114.7 (2)(a)(I)) requires that every owner or operator of an air pollution source shall pay an annual fee. The regulated criteria pollutants to which annual fees apply are Nitrogen Oxides (NOx), Volatile Organic Compounds (VOC), Sulfur Dioxide (SO₂), Lead (Pb), and Particulate Matter (PM). We have listed the affected sources and the associated emissions on the succeeding pages. Fees described on the enclosed invoice are based on information reported on the latest Air Pollutant Emission Notice on file with the Division.

Please be advised, revisions to state law provide for a "Late Payment Fee". Accounts that are 60 days past due will be assessed a fee calculated at one percent per month for outstanding fee balances. The law also provides for an appeal period for purposes of administrative review. No late payment fee will be assessed during a period in which an account is under administrative review.

ALL APPEALS MUST BE IN WRITING AND RECEIVED BY THE DIVISION NO LATER THAN THIRTY DAYS AFTER THE DATE OF THE INVOICE.

| | | |
|--|-----------------|-----------------------------|
| SITE NAME/ADDRESS: ROUITT CNTY ROAD & BRIDGE RED ROCK PIT /SEC 20 T5N R88W | PERMIT NUMBER: | SOURCE NUMBER: 107/0049/001 |
| POINT DESCRIPTION: RED ROCK GRAVEL PIT | SERIAL#: MODEL: | NEXT APEN DUE: |
| PARTICULATE MATTER < 10 UM | (FUGITIVE) | 0.0000 TY |
| TOTAL PARTICULATE MATTER | (FUGITIVE) | 0.0000 TY |

| | | |
|--|-----------------|-----------------------------|
| SITE NAME/ADDRESS: ROUITT CNTY ROAD & BRIDGE CARNS 1 PIT /SEC 5 T7N R88W | PERMIT NUMBER: | SOURCE NUMBER: 107/0050/001 |
| POINT DESCRIPTION: CARNS 2 GRAVEL PIT | SERIAL#: MODEL: | NEXT APEN DUE: |
| PARTICULATE MATTER < 10 UM | (FUGITIVE) | 0.0000 TY |
| TOTAL PARTICULATE MATTER | (FUGITIVE) | 0.0000 TY |

| | | |
|--|-----------------|-----------------------------|
| SITE NAME/ADDRESS: ROUITT CNTY ROAD & BRIDGE DEPT FUNK PIT /NW NW SEC 12 T6N | PERMIT NUMBER: | SOURCE NUMBER: 107/0051/001 |
| POINT DESCRIPTION: FUNK GRAVEL PIT | SERIAL#: MODEL: | NEXT APEN DUE: |
| PARTICULATE MATTER < 10 UM | (FUGITIVE) | 0.8716 TY |
| PARTICULATE MATTER < 2.5 UM | (FUGITIVE) | 0.3076 TY |
| TOTAL PARTICULATE MATTER | (FUGITIVE) | 1.7431 TY |

| | | |
|---|-----------------|-----------------------------|
| SITE NAME/ADDRESS: ROUITT CNTY ROAD & BRIDGE BELTON PIT /SEC 3 T7N R85W | PERMIT NUMBER: | SOURCE NUMBER: 107/0052/001 |
| POINT DESCRIPTION: BELTON GRAVEL PIT | SERIAL#: MODEL: | NEXT APEN DUE: |
| PARTICULATE MATTER < 10 UM | (FUGITIVE) | 0.0000 TY |
| TOTAL PARTICULATE MATTER | (FUGITIVE) | 0.0000 TY |

| | | |
|---|-----------------|-----------------------------|
| SITE NAME/ADDRESS: ROUITT CNTY ROAD & BRIDGE DEPT ELY PIT /SEC 18 T12N R87W | PERMIT NUMBER: | SOURCE NUMBER: 107/0053/001 |
| POINT DESCRIPTION: ELY GRAVEL PIT | SERIAL#: MODEL: | NEXT APEN DUE: |
| PARTICULATE MATTER < 10 UM | (FUGITIVE) | 0.0000 TY |
| TOTAL PARTICULATE MATTER | (FUGITIVE) | 0.0000 TY |

| | | |
|--|-----------------|-----------------------------|
| SITE NAME/ADDRESS: ROUITT CNTY ROAD & BRIDGE SPICER PIT /SEC 5 T10N R86W | PERMIT NUMBER: | SOURCE NUMBER: 107/0054/001 |
| POINT DESCRIPTION: SPICER GRAVEL PIT | SERIAL#: MODEL: | NEXT APEN DUE: |
| PARTICULATE MATTER < 10 UM | (FUGITIVE) | 0.0000 TY |
| TOTAL PARTICULATE MATTER | (FUGITIVE) | 0.0000 TY |

| | | |
|--|--------------------------|-----------------------------|
| SITE NAME/ADDRESS: ROUITT CNTY ROAD & BRIDGE DEPT /11505 US HWY 40 | PERMIT NUMBER: 99PO117-2 | SOURCE NUMBER: 777/0429/001 |
| POINT DESCRIPTION: PIONEER PRIMARY CRUSHER | SERIAL#: 152-PRVH-201 | MODEL: NOT AVAILABLE |
| PARTICULATE MATTER < 10 UM | (PM10) | 0.0090 TY |
| PARTICULATE MATTER < 10 UM | (FUGITIVE) | 0.0018 TY |
| PARTICULATE MATTER < 2.5 UM | (PM2.5) | 0.0005 TY |
| PARTICULATE MATTER < 2.5 UM | (FUGITIVE) | 0.0001 TY |
| TOTAL PARTICULATE MATTER | (CRITERIA) | 0.0188 TY |
| TOTAL PARTICULATE MATTER | (FUGITIVE) | 0.0035 TY |

| | | |
|--|-------------------------|-----------------------------|
| SITE NAME/ADDRESS: ROUITT COUNTY ROAD & BRIDGE DEPARTMENT /11505 US HWY 40 | PERMIT NUMBER: 95PO1050 | SOURCE NUMBER: 777/0915/001 |
| POINT DESCRIPTION: CRUSHER NORDBERG_HP300 | SERIAL#: 300210 | MODEL: HP300 |
| PARTICULATE MATTER < 10 UM | (PM10) | 0.0217 TY |
| PARTICULATE MATTER < 10 UM | (FUGITIVE) | 0.1317 TY |
| PARTICULATE MATTER < 2.5 UM | (PM2.5) | 0.0064 TY |
| PARTICULATE MATTER < 2.5 UM | (FUGITIVE) | 0.0387 TY |
| TOTAL PARTICULATE MATTER | (CRITERIA) | 0.0452 TY |
| TOTAL PARTICULATE MATTER | (FUGITIVE) | 0.2635 TY |

Emergency Response

Funk Gravel Pit

In the event of an emergency, Fire Protection and Emergency Medical Technician services can be provided by the West Routt Fire Protection District located in Hayden. The pit access off of highway 40 is more than adequate to accommodate emergency vehicles. Each piece of equipment is equipped with a fire extinguisher and first aid kit. Routt County employees are also given annual first aid training. County and MSHA safety regulations are followed to prevent accidents and emergencies.

Reclamation Plan

Funk Gravel Pit

Routt County has made no changes to the reclamation plan for the Funk Pit. See attached.

DRAFT

FUNK GRAVEL PIT

Permit No. M-79-058 (Funk & Hooker Pit)

Reclamation Plan

Phase 1

It is the property owner's intention that the existing pit not be reclaimed until completion of the entire projected mining plan.

The mining will advance to the east for about 650 feet from the elevation of the existing pit area. The final grading will be done with slopes reclaimed at a ratio of 4 : 1 (horizontal : vertical). The overburden piles will be used to accomplish this. During the Phase 1 Mining Plan, the only area that will be reclaimed is the easterly slope. It will be cut to 2 : 1 (horizontal : vertical) slopes, i.e. a 27% backslope, which is flatter than the natural angle of repose for the gravel bed, to generate as much gravel as possible. This slope will then be filled with overburden material to bring it to a 4:1 slope. The bottom of the pit will be about 200 feet in width. It will have a 1% slope and drain to the west.

Topsoil will be stockpiled to the east in a trapezoidal area of 70,000 sq.ft. and a depth of 6 ft. Overburden will be stockpiled to the south of the topsoil, covering an area of about 175,000 sq.ft. and a depth of 8 ft. Both of these piles are to be placed to the east, so that they are out of the operating area and will only have to be moved once. **Both the topsoil and overburden stockpiles will have slopes that are flat enough to accommodate mowing machinery.** Both the topsoil and overburden stockpiles will be seeded at the end of each yearly construction disturbance to prevent erosion. **However, during the first year of operation (presumably 2002) the seeding of both the topsoil and overburden stockpiles shall be delayed until the spring of 2003.** Spraying against noxious weeds will be done in accordance with Routt County's overall weed spraying program. The total area of disturbance in Phase 1 is estimated to be about 5.6 acres.

A sediment catch basin will be constructed on the slope to intercept runoff water.

Phase 2

The mining will be done at 2:1 slopes. At the completion of mining of this phase, the slopes to the east and south will be set at 4:1 (horizontal: vertical) with the existing overburden. The westerly side will "daylight" to the natural drainageway. Topsoil will be taken from the reserve pile at the northeast area of the site. The mixture will be of native grasses as specified in the mix design from the Soil Conservation Service. The floor of this area will be reclaimed as the mining activity advances into Phase 3. The slope of the floor will be at about 1% and will drain to the northwest. The total surface disturbance in Phase 2 is estimated to be about 6.8 acres.

Phase 3

This mining phase will represent the final stage. The mining will advance to the north and "daylight" at a 1% slope to the north. At the conclusion of this mining area, the slopes will be

DRAFT

seeded with the designate grass mixture, and the original mining area (8.4 acres) will also be reclaimed. The estimated area of this phase is 2.8 acres.

GENERAL NOTES

Straw bales

As an amendment to the Natural Resources Conservation Service (NRCS) Reclamation Plan (dated 11 July '01) suggested reclamation plan, any straw bales that are used anywhere in the permitted area, shall be certified weed-free, including Jointed Goat Weed.

RUNK GRAVEL PIT
Permit No. MI-79-058 (Faulk & Hooker PI)
Reclamation Plan



NOTICE: ACCORDING TO COLORADO LAW, YOU MUST COMMENCE ANY LEGAL ACTION BASED ON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF CERTIFICATION SHOWN HEREON.

Zinn is the property owner's intention that the existing pit not be reclaimed until completion of the saline

The mining will advance to the east for about 600 feet from the division of fire existing pit mine. The first grading will be done with slopes remaining at a ratio of 4:1 (horizontal: vertical). The overburden will be removed by the use of a 100-ton crawler-mounted scraper. The only area that will be reclaimed is the waste dump. It will be regraded to a 2:1 (horizontal: vertical) slope, i.e., a 25% slope, which is about the same as the original slope. The waste dump will be about 100 feet from the pit. The bottom of the pit will be about 200 feet in width. It will have a 1% slope and drain to the west.

[illegible]

Phase 2. The mowing will be done at 21 slopes. At the completion of mowing of this phase, the slopes in the east and west of the mountain will be mowed. The mowing of the slopes in the north and south will be done in Phase 3. The natural demography. Topsoil will be taken from the reserve site as the ardent area of fire this. The mowing of this area will be performed as specified in the mastic quality from the Soil Conservation Service. The floor of this area will be performed at the mowing activity advance into Phase 3. The slope of the floor will be about 1% and will drain to the southwest. The second surface drainage in Phase 2 is estimated to be about 6.8 percent.

This mining phase will represent the final stage. The mining will advance to the north and "downhill" as the slope is to the north. At the completion of this mining area, this slope will be treated with the designee from the original mining area (3.4 acres) will also be reclaimed. The estimated area of this phase is 2.8 acres.

GENERAL NOTE
 See info
 An amendment to the Natural Resources Conservation Service (NRCS) Reclamation Plan (dated 11
 May 1971) suggested reclamation plan, any above bolts that are used anywhere in the permitted area,
 shall be certified wood-free. Includes: Johnson Coast Wood.

NOTES:

1. At the completion of mining, the pit slopes on the east and south sides shall be set at 4:1. The floor of the pit shall be reclaimed of about a 1% slope, generally falling to the west. The mining area of Phase 3 shall be "degraded" to the north, generally falling at a 1% grade.

BEED MIX
(from U.S.D.A. Soil Conservation District, Steamboat Springs, CO)

| SPECIES | % OF MIX | PLS RATE |
|------------------------|----------|----------|
| Smooth Bromegrass | 25 | 3.5 |
| Intermediate Winggrass | 50 | 7.0 |
| Perennial Ryegrass | 25 | 3.0 |

[illegible]

* INDICATES MONUMENT FOUND AS NOTED
 † INDICATES SURVEY CONTROL POINT
 CONTOUR INTERVAL = TWO FEET
 ELEVATIONS BASED ON USGS TOPO MAP
 AT 141/4 CORNER OF SECTION 12, T6S
 R14E

| | | |
|--|--|-----------------|
| ROUTE COUNTY ROAD AND BRIDGE | RECLAMATION PLAN (FINAL) | |
| NE 1/4 SECTION 12, T10N R36W, E1W P.3M. | DOWLING SURVEYORS P.O. BOX 100 HAYDEN, CO. 81439 (970) 276-3513 | |
| ROUTE COUNTY, COLORADO | SCALE 1" = 40' | DATE 10/1/83 |
| | PREP JWB | FILE 10/1/83 |

DRMS Application

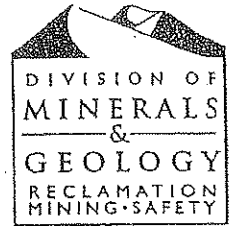
Funk Gravel Pit

Attached is the original application that was submitted to the Division of Reclamation, Mining and Safety.

STATE OF COLORADO

DIVISION OF MINERALS AND GEOLOGY
Department of Natural Resources

1313 Sherman St., Room 215
Denver, Colorado 80203
Phone: (303) 866-3567
FAX: (303) 832-8106



CONSTRUCTION MATERIALS REGULAR (112) OPERATION RECLAMATION PERMIT APPLICATION FORM

Bill Owens
Governor

Greg E. Walcher
Executive Director

Michael B. Long
Division Director

CHECK ONE: _____ New Application (Rule 1.4.5) _____ Amendment Application (Rule 1.10)
 XX Conversion Application (Rule 1.11)

Permit # M - 1979 058- (provide for Amendments and Conversions of existing permits)

The application for a Construction Materials Regular 112 Operation Reclamation Permit contains three major parts: (1) the application form; (2) Exhibits A-S, Addendum 1, any sections of Exhibit 6.5 (Geotechnical Stability Exhibit); and (3) the application fee. When you submit your application, be sure to include one (1) complete signed and notarized IVORY ORIGINAL and four (4) copies of the completed Ivory application form, five (5) copies of Exhibits A-S, Addendum 1, appropriate sections of 6.5 (Geotechnical Stability Exhibit, and a check for the application fee described under Section (4) below. Exhibits should NOT be bound or in a 3-ring binder; maps should be folded to 8 1/2" X 11" or 8 1/2" X 14" size. To expedite processing, please provide the information in the format and order described in this form.

GENERAL OPERATION INFORMATION

Type or print clearly, in the space provided, ALL information requested below.

1. Applicant/operator or company name (name to be used on permit): ROUTT COUNTY
 - 1.1 Type of organization (corporation, partnership, etc.): Government
 - 1.2 I.R.S. Tax I.D. No. or Social Security Number: 84-6000-802
2. Operation name (pit, mine or site name): Funk & Hooker Pit
3. Permitted acreage (new or existing site):

| | | |
|----------------------------------|-------------|-----------------|
| | <u>8.4</u> | permitted acres |
| 3.1 Change in acreage (+) | <u>39.2</u> | acres |
| 3.2 Total acreage in Permit area | <u>47.6</u> | acres |
4. Fees:

| | | |
|--|-------------------|--------------------|
| 4.1 New Application | <u>\$2,344.00</u> | application fee |
| 4.2 New Quarry Application | <u>\$2,906.00</u> | quarry application |
| 4.4 Amendment Fee | <u>\$1,938.00</u> | amendment fee |
| 4.5 Conversion to 112 operation (set by statute) | <u>\$2,344.00</u> | conversion fee |
5. Primary commodity(s) to be mined: Gravel

| | | |
|---|-------------------------------------|-------------------------|
| 5.1 Incidental commodity(s) to be mined: | 1. <u>Gravel 160,000 lbs/Ton/yr</u> | 2. <u>/</u> lbs/Tons/yr |
| | 3. <u>/</u> lbs/Tons/yr | 4. <u>/</u> lbs/Tons/yr |
| | | 5. <u>/</u> lbs/Tons/yr |
| 5.2 Anticipated end use of primary commodity(s) to be mined: | <u></u> | |
| 5.3 Anticipated end use of incidental commodity(s) to be mined: | <u></u> | |

6. Name of owner of subsurface rights of affected land: Jane Katherine Hooker & Avis H. Funk
If 2 or more owners, "refer to Exhibit O".

7. Name of owner of surface of affected land: Same As Above

8. Type of mining operation: XX Surface Underground

9. Location Information: The center of the area where the majority of mining will occur:

COUNTY: ROUTT

PRINCIPAL MERIDIAN (check one): X 6th (Colorado) 10th (New Mexico) Ute

SECTION (write number): S 12

TOWNSHIP (write number and check direction): T 6 X North South

RANGE (write number and check direction): R 88 East X West

QUARTER SECTION (check one): NE X NW SE SW

QUARTER/QUARTER SECTION (check one): NE NW SE SW

GENERAL DESCRIPTION: (the number of miles and direction from the nearest town and the approximate elevation):

2.2 Miles East of Hayden, Colorado on State Highway 40

10. Primary future (Post-mining) land use (check one):

| | | |
|---|--|---|
| <u> XX </u> Cropland(CR) | <u> </u> Pastureland(PL) | <u> </u> General Agriculture(GA) |
| <u> </u> Rangeland(RL) | <u> </u> Forestry(FR) | <u> </u> Wildlife Habitat(WL) |
| <u> </u> Residential(RS) | <u> </u> Recreation(RC) | <u> </u> Industrial/Commercial(IC) |
| <u> </u> Developed Water Resources(WR) | <u> </u> Solid Waste Disposal(WD) | |

11. Primary present land use (check one):

| | | |
|---|-------------------------------|---|
| <u> XX </u> Cropland(CR) | <u> </u> Pastureland(PL) | <u> </u> General Agriculture(GA) |
| <u> </u> Rangeland(RL) | <u> </u> Forestry(FR) | <u> </u> Wildlife Habitat(WL) |
| <u> </u> Residential(RS) | <u> </u> Recreation(RC) | <u> </u> Industrial/Commercial(IC) |
| <u> </u> Developed Water Resources(WR) | | |

12. Method of Mining: Briefly explain mining method (e.g. truck/shovel): Mining process will use dozers, scrapers
loaders and crushers. For details see mining plan.

13. On Site Processing: XX Crushing/Screening

13.1 Briefly explain mining method (e.g. truck/shovel): Dozers, scrapers, loaders and crusehr will be use

List any designated chemicals or acid-producing materials to be used or stored within permit area: None

14. Correspondence Information:

APPLICANT/OPERATOR (name, address, and phone of name to be used on permit)

Contact's Name: Paul H Draper Title: Director of Road & Bridge
Company Name: Routt County
Street: 136 6th Street, P O Box 773598
City: Steamboat Springs
State: Colorado Zip Code: 80477
Telephone Number: (970) - 879-0831
Fax Number: (970) - 879-3992

PERMITTING CONTACT (if different from applicant/operator above)

Contact's Name: Same as above Title: _____
Company Name: _____
Street: _____
City: _____
State: _____ Zip Code: _____
Telephone Number: () -
Fax Number: () -

INSPECTION CONTACT

Contact's Name: William Rogers Title: Crusher Leadman
Company Name: Routt County
Street: 136 6th Street, P O Box 773598
City: Steamboat Springs
State: Colorado Zip Code: 80477
Telephone Number: (970) - 879-0831
Fax Number: (970) - 879-3992 CC: _____
Agency: _____
Street: _____
City: _____
State: _____ Zip Code: _____
Telephone Number: () -

CC: STATE OR FEDERAL LANDOWNER (if any)

Agency: _____
Street: _____
City: _____
State: _____ Zip Code: _____
Telephone Number: () -

15. Description of Amendment or Conversion:

If you are amending or converting an existing operation, provide a brief narrative describing the proposed change(s).

Routt County has mined the 9.9 acres in the existing Funk & Hooker Pit and needs
to expand to continue mining at this location.

Maps and Exhibits:

Five (5) complete, unbound application packages must be submitted. One complete application package consists of a signed application form and the set of maps and exhibits referenced below as Exhibits A-S, Addendum 1, and the Geotechnical Stability Exhibit. Each exhibit within the application must be presented as a separate section. Begin each exhibit on a new page. Pages should be numbered consecutively for ease of reference. If separate documents are used as appendices, please reference these by name in the exhibit.

With each of the five (5) signed application forms, you must submit a corresponding set of the maps and exhibits as described in the following references to Rule 6.4, 6.5, and 1.6.2(1)(b):

| | |
|------------------|--|
| EXHIBIT A | Legal Description |
| EXHIBIT B | Index Map |
| EXHIBIT C | Pre-Mining and Mining Plan Map(s) of Affected Lands |
| EXHIBIT D | Mining Plan |
| EXHIBIT E | Reclamation Plan |
| EXHIBIT F | Reclamation Plan Map |
| EXHIBIT G | Water Information |
| EXHIBIT H | Wildlife Information |
| EXHIBIT I | Soils Information |
| EXHIBIT J | Vegetation Information |
| EXHIBIT K | Climate Information |
| EXHIBIT L | Reclamation Costs |
| EXHIBIT M | Other Permits and Licenses |
| EXHIBIT N | Source of Legal Right-To-Enter |
| EXHIBIT O | Owners of Record of Affected Land (Surface Area) and Owners of Substance to be Mined |
| EXHIBIT P | Municipalities Within Two Miles |
| EXHIBIT Q | Proof of Mailing of Notices to County Commissioners and Soil Conservation District |
| EXHIBIT R | Proof of Filing with County Clerk or Recorder |
| EXHIBIT S | Permanent Man-Made Structures |
| Rule 1.6.2(1)(b) | ADDENDUM 1 - Notice Requirements (sample enclosed) |
| Rule 6.5 | Geotechnical Stability Exhibit (any required sections) |

The instructions for preparing Exhibits A-S, Addendum 1, and Geotechnical Stability Exhibit are specified under Rule 6.4 and 6.5 and Rule 1.6.2(1)(b) of the Rules and Regulations. If you have any questions on preparing the Exhibits or content of the information required, or would like to schedule a pre-application meeting you may contact the Office at 303-866-3567.

Responsibilities as a Permittee:

Upon application approval and permit issuance, this application becomes a legally binding document. Therefore, there are a number of important requirements which you, as a permittee, should fully understand. These requirements are listed below. Please read and initial each requirement, in the space provided, to acknowledge that you understand your obligations. If you do not understand these obligations then please contact this Office for a full explanation.

- RLK* 1. Your obligation to reclaim the site is not limited to the amount of the financial warranty. You assume legal liability for all reasonable expenses which the Board or the Office may incur to reclaim the affected lands associated with your mining operation in the event your permit is revoked and financial warranty is forfeited;
- RLK* 2. The Board may suspend or revoke this permit, or assess a civil penalty, upon a finding that the permittee violated the terms or conditions of this permit, the Act, the Mineral Rules and Regulations, or that information contained in the application or your permit misrepresent important material facts;
- RLK* 3. If your mining and reclamation operations affect areas beyond the boundaries of an approved permit boundary, substantial civil penalties, to you as permittee can result;
- RLK* 4. Any modification to the approved mining and reclamation plan from those described in your approved application requires you to submit a permit modification and obtain approval from the Board or Office;
- RLK* 5. It is your responsibility to notify the Office of any changes in your address or phone number;
- RLK* 6. Upon permit issuance and prior to beginning on-site mining activity, you must post a sign at the entrance of the mine site, which shall be clearly visible from the access road, with the following information (Rule 3.1.12):
 - a. the name of the operator;
 - b. a statement that a reclamation permit for the operation has been issued by the Colorado Mined Land Reclamation Board; and,
 - c. the permit number.
- RLK* 7. The boundaries of the permit boundary area must be marked by monuments or other markers that are clearly visible and adequate to delineate such boundaries prior to site disturbance.

- OK* 8. It is a provision of this permit that the operations will be conducted in accordance with the terms and conditions listed in your application, as well as with the provisions of the Act and the Construction Material Rules and Regulations in effect at the time the permit is issued.
- OK* 9. Annually, on the anniversary date of permit issuance, you must submit an annual fee as specified by Statute, and an annual report which includes a map describing the acreage affected and the acreage reclaimed to date (if there are changes from the previous year), any monitoring required by the Reclamation Plan to be submitted annually on the anniversary date of the permit approval. Annual fees are for the previous year a permit is held. For example, a permit with the anniversary date of July 1, 1995, the annual fee is for the period of July 1, 1994 through June 30, 1995. Failure to submit your annual fee and report by the permit anniversary date may result in a civil penalty, revocation of your permit, and forfeiture of your financial warranty. It is your responsibility, as the permittee, to continue to pay your annual fee to the Office until the Board releases you from your total reclamation responsibility.
- OK* 10. For joint venture/partnership operators: the signing representative is authorized to sign this document and a power of attorney (provided by the partner(s)) authorizing the signature of the representative is attached to this application.

NOTE TO COMMENTORS/OBJECTORS:

It is likely there will be additions, changes, and deletions to this document prior to final decision by the Office. Therefore, if you have any comments or concerns you must contact the applicant or the Office prior to the decision date so that you will know what changes may have been made to the application document.

The Office is not allowed to consider comments, unless they are written, and received prior to the end of the public comment period. You should contact the applicant for the final date of the public comment period.

If you have questions about the Mined Land Reclamation Board and Office's review and decision or appeals process, you may contact the Office at (303) 866-3567.

Certification:

As an authorized representative of the applicant, I hereby certify that the operation described has met the minimum requirements of the following terms and conditions:

1. To the best of my knowledge, all significant, valuable and permanent man-made structure(s) in existence at the time this application is filed, and located within 200 feet of the proposed affected area have been identified in this application (Section 34-32.5-115(4)(e), C.R.S.).
2. No mining operation will be located on lands where such operations are prohibited by law (Section 34-32.5-115(4)(f), C.R.S.);
3. As the applicant/operator, I do not have any extraction/exploration operations in the State of Colorado currently in violation of the provisions of the Colorado Land Reclamation Act for the Extraction of Construction Materials (Section 34-32.5-120, C.R.S.) as determined through a Board finding.
4. I understand that statements in the application are being made under penalty of perjury and that false statements made herein are punishable as a Class 1 misdemeanor pursuant to Section 18-8-503, C.R.S.

Signed and dated this 17 day of July, 2002

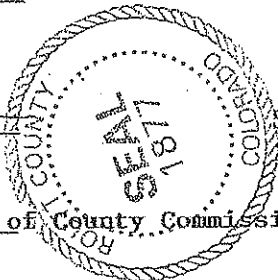
Routt County

If Corporation Attest (Seal)

Applicant/Operator or Company Name

Signed: [Signature]

Daniel R. Ellison



Signed: Kay Wendland By Carrie C. Wendland

Corporate Secretary or Equivalent

Title: Chairman, Routt County Board of County Commissioners

Town/City/County Clerk

State of Colorado

) ss

County of Routt

The foregoing instrument was acknowledged before me this 17th day of July, 2002,
by _____ as _____ of _____

[Signature]
Notary Public

My Commission expires: 9-21-02

SIGNATURES MUST BE IN BLUE INK

Storm Water Management Plan

Funk Gravel Pit

Routt County is still operating under the original SWMP associated with this site created in 2002. The renewal of this SWMP will be submitted before February, 2014, and will be included as soon as it is completed.

**GENERAL PERMIT APPLICATION
STORMWATER DISCHARGES
ASSOCIATED WITH
SAND AND GRAVEL PRODUCTION
OPERATIONS (AND OTHER
NONMETALLIC MINERALS
EXCEPT FUEL)**

(Permit No. COG-500000)

For Agency Use Only

COR-50

Date Received

Year

Month

Day

Please print or type. Do not attempt to complete this form before reading the instructions.

1. Is this the correct application for your facility?? This application is only for the discharge of stormwater.

Do you discharge any of the following process generated wastewaters from your facility?

- ☒ No ☐ Yes Product wash waters
- ☒ No ☐ Yes Maintenance/equipment wash waters
- ☒ No ☐ Yes Transport waters (e.g., slurries)
- ☒ No ☐ Yes Scrubber waters (crushers or classifiers)
- ☐ No ☒ Yes Mine dewatering (groundwater and/or runoff from the mine)

If you answered Yes to any of these questions, do not complete this application. You must instead complete the Process Water and Stormwater Discharges Associated with Sand and Gravel application for this facility, which is available from the Division.

2. Name and address of permit applicant:

Company Name: ROUTT COUNTY

Federal Taxpayer (or Employer) ID#: 8 4 6 0 0 0 8 0 1

Mailing Address: P O Box 773598

City, State and Zip Code: Steamboat Springs, CO 80477

Phone Number: (970) 879-0831

Who is applying for the permit? ☒ Owner ☐ Operator

Local Contact (familiar with facility):

Title: Paul H. Draper

Phone Number: (970) 879-0831

3. Location of the facility:

Street Address: 2.2 Miles E of Hayden on Highway 40

City, State and Zip Code: Hayden CO 81639

County: Route Name of facility: Funk Gravel Pit

Legal Location (Township, Range, section, 1/4 section): T6N, R88W, Sect 12 NW1/4

Latitude and Longitude: _____

Type of Facility: ☐ New (beginning operations after 10/1/92) ☒ Existing (as of 10/1/92)

4. Standard Industrial Classification (SIC) Code(s) for this facility. (Include up to four, in order of importance.)
a) 1440 b) 1442 c) _____ d) _____
5. Receiving Stream: The name of the receiving stream(s). (If discharge is to a ditch or storm sewer, also include the name of the ultimate receiving waters.) Yampa River-- via drainage through mining area, down haulroad across Hwy 40, Marshall Ditch, Walker Ditch approximately 1 mile to river.
6. Describe the industrial activities which take place on site.
Mining and processing sand and gravel materials for use on Routt County Roads.
7. Other Environmental Permits: Does this facility currently have any environmental permits, or is it subject to regulation, under either of the following programs?
- | | No | Yes | Permit # |
|---|----------|----------|-----------------|
| a) Colorado Discharge Permit System (CDPS or NPDES) | <u>X</u> | _____ | _____ |
| b) Colorado Mined Land Reclamation Board | _____ | <u>X</u> | <u>M-79-058</u> |
- If Yes, include MLRB permit anniversary date 4/26/02

8. STORMWATER MANAGEMENT PLAN

A Stormwater Management Plan (SWMP) *shall be prepared prior to application* for coverage under a general permit, and the following certification signed. See the SWMP requirements in Appendix A.

"I certify under penalty of law that a complete Stormwater Management Plan, in compliance with Appendix A of the application, has been prepared for my facility. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the SWMP is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for falsely certifying the completion of said SWMP, including the possibility of fine and imprisonment."

Tammie Jakino
Signature of Permit Applicant

2/26/02
Date Signed

Tammie Jakino

Name (printed)

Field Coordinator

Title

9. Signature of Applicant (legally responsible person)

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

Paul H. Draper
Signature of Permit Applicant

2/26/02
Date Signed

Paul H. Draper

Name (printed)

Director of Road & Bridge

Title

Routt County Road & Bridge: Storm Water Management Plan

Project Name: Funk Gravel Pit

| SITE DESCRIPTION | | | |
|--|--|-------------------------|--|
| Project Name and Location: (Latitude, Longitude, or Address) | Funk Pit: Section 12 NW 1/4, T6N, R88W | Owner Name and Address: | Routt County Road and Bridge Department 136 6th Street, Steamboat Springs, Colorado 80477 |
| Description: (Purpose and Types of Soil Disturbing Activities) | <p>The site is located approximately 2.2 miles East of the Town of Hayden, Colorado, on the South side of Highway 40. Access to pit area is directly off of Highway 40 via a gravel road. The site is being developed for aggregate mining and processing. The mining area is currently less than 10 acres with plans to expand the pit area to approximately 47.6 acres not all of which will be disturbed.</p> | | |
| Runoff Coefficient: | The final coefficient of runoff for the site will be c - | | |
| Site Area: | The site is approximately <u>47.6</u> acres of which <u>15</u> acres will be disturbed by construction activities. | | |
| Sequence of Major Activities | | | |
| The order of activities will be as follows: | | | |
| 1 | Install erosion and sediment controls | 8 | Place crushed material in stockpile |
| 2 | Place crusher on staging area site | 9 | haul pit run off property |
| 3 | Strip overburden and topsoil | 10 | place pit run onto roads |
| 4 | Form topsoil and overburden stockpile | 11 | disk stockpiles and crusher area |
| 5 | Begin hauling of excavated pit run | 12 | reseeding |
| 6 | Place pit run in excavated stockpile | 13 | Maintenance of erosion controls and necessary removal of silt |
| 7 | Crush pit run | 14 | |
| Name of Receiving Waters: | The pit is above ground water table. During large storm or snow melt events it is possible that some runoff could flow off of pit area into the Yampa river barrow, irrigation ditches and over the top of Highway 40, approximately mile north of pit location. | | |
| CONTROLS | | | |
| Erosion and Sediment Practices | | | |
| Stabilization Practices | | | |
| Temporary Stabilization - | <p>The slopes on the stockpiles will be fully maintained and silt fence used around the perimeter.</p> <p>Silt fence will be placed in appropriate areas to prevent runoff.</p> <p>Dozers will be used and will run bottom to top to create pockets to trap water run off.</p> <p>Processing of the water through the excavation and crushing process will be diverted through the direct runoff into the drainage area and use natural landscape as well as silt fence and straw bales.</p> | | |
| Permanent Stabilization - | <p>Seeding will commence after the crusher is removed. Disking of soil and broadcast seeding is the manipulation Seed mix is described in DMG permit</p> <p>All topsoil will be used to revegetate and reclaim effected area.</p> | | |

Routt County Road & Bridge: Storm Water Management Plan

| CONTROLS (Continued) | |
|--|---|
| Structural Practices | |
| Silt fence will be installed along the North, South, and West perimeters of the crushing and stockpile areas There is approximately 1200 LF of fencing. | |
| A containment system for the crusher fuel tank will be constructed and maintained. | |
| Storm Water Management | |
| Storm water drainage will be provided by directing runoff into an existing barrow ditch and drainage area from natural landscaping | |
| Silt fencing will also help in the filtration process. | |
| Maintenance: Inspection of diversions before and after storms for debris, rocks or other weaknesses or breaches in silt fence swale. Repair of structures as necessary to direct runoff away from disturbed areas. | |
| OTHER CONTROLS | |
| Waste Disposal: | |
| Waste Materials | |
| There will be no waste materials on site. All material will be used again in reclamation process. | |
| All personnel will be instructed regarding the correct procedure for waste disposal. Bill Rogers, Crusher Foreman, will be responsible for seeing that these procedures are followed. | |
| Overburden, if considered waste, will be used as a road base on county roads only and if used. | |
| Hazardous Waste | |
| All hazardous waste material will be disposed of in the manner specified by local or state regulation or by the manufacturer. | |
| Site personnel will be instructed in these practices and Bill Rogers, Crusher Foreman, will be responsible for seeing that these procedures are followed. MSDS sheets will be onsite for all hazardous materials. | |
| Sanitary Waste | |
| All sanitary waste will be collected from the portable units a minimum of one time per week by the company supplying the units. | |
| Offsite Vehicle Tracking: | Dump Trucks hauling material on or off site will be covered with a tarpaulin. |
| Any excess mud, dirt, or rock tracked from the construction site onto any paved area will be removed by washing or brooming on an as needed basis. | |

Routt County Road & Bridge: Storm Water Management Plan

TIMING OF CONTROLS/MEASURES

As indicated in the Sequence of Major Activities, installation of sediment and erosion controls, (silt fence) will be constructed prior to any clearing or staging of construction site.

Once construction activities cease permanently, the area will be stabilized with permanent seed and mulch. After the entire site is stabilized, the accumulated sediment will be removed from the silt fence.

CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

This plan was prepared in accordance with the Routt County Erosion and Sediment Control During Construction handbook.

MAINTENANCE/INSPECTION PROCEDURES

Erosion and Sediment Control Inspection and Maintenance Practices

- 1 All control measures will be inspected at least once every 14 days and following any storm event of 0.5 inches or more.
- 2 All measures will be maintained in good working order; if a repair is necessary, it will be initiated within 24 hours of report.
- 3 Built up sediment will be removed from silt fence when it has reached one-third the height of the fence.
- 4 Silt fence will be inspected for depth of sediment, tears, to see if the fabric is securely attached to the fence posts, and to see that the fence posts are firmly in the ground.
- 5 A maintenance inspection report will be made after each inspection. A copy of the report form to be completed by the inspector is attached.
- 6 Heather McLaughlin, Assistant County Engineer, will be responsible for inspections as well as filling out the inspection and maintenance report.
Bill Rogers, crusher foreman, will be responsible for maintenance and repair activity oversight.
- 7 Personnel selected for maintenance and repair activity will receive training from Heather McLaughlin. They will be trained in all maintenance practices necessary for keeping erosion and sediment controls used onsite in good working order.

Routt County Road & Bridge: Storm Water Management Plan

INVENTORY FOR POLLUTION PREVENTION PLAN

The materials or substances listed below are expected to be present onsite during construction:

- Fuel
- Fertilizers
-
-
-

-
-
-
-
-

SPILL PREVENTION

Material Management Practices

The following are the material management practices that will be used to reduce the risk of spills or other accidental exposure of materials and substances to storm water runoff.

Good Housekeeping:

The following good housekeeping practices will be followed onsite during the construction project.

- All material excavated (topsoil) will be used in the reclamation process
- All material stored onsite will be stored in a neat, orderly manner in their appropriate containers and if possible, under a roof or other enclosure.
- Products will be kept in their original containers with the original manufacturers label.
- Substances will not be mixed with one another unless recommended by the manufacturer.
- Whenever possible, all of a product will be used in its entirety before disposing of the container.
- Manufacturers recommendations for proper use and disposal will be followed.
- The Crusher Foreman will inspect daily to ensure proper use and disposal of materials onsite.

Hazardous Products:

These practices are used to reduce the risks with hazardous materials.

- Products will be kept in original containers unless they are not resealable.
- Original labels and material safety will be retained; they contain important product information
- If surplus product must be disposed of, manufacturers or local and State recommended methods for proper disposal will be followed.

Routt County Road & Bridge: Storm Water Management Plan

SPILL PREVENTION (Continued)

Product Specific Practices

The following product specific practices will be followed onsite:

Petroleum Products:

All onsite vehicles will be monitored for leaks and receive regular preventative maintenance to reduce the chance of leakage. Petroleum products will be stored in tightly sealed containers which are clearly labeled.

Fertilizers:

Fertilizers used will be applied only in the minimum amounts recommended by the manufacturer. Once applied, fertilizer will be worked into the soil to limit exposure to storm water. Storage will be in a covered trailer. The contents of any partially used bags of fertilizer will be transferred to a seal able bin to avoid spills.

Paints:

no paint will be used.

Spill Control Practices

In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup:

- Materials and equipment necessary for spill cleanup will be kept in the material storage area onsite.
- All spills will be cleaned up immediately after discovery.
- Spill kits will be on site at all times of construction activity.
- Spills of toxic or hazardous material will be reported to the appropriate State or Local government agency, regardless of the size.
- Bill Rogers, Crusher Foreman, responsible for the day-to-day site operation, will be the spill prevention and cleanup coordinator. The names of responsible spill personnel will be posted in the material storage area, and in office trailer.

STORM WATER MANAGEMENT PLAN CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or of those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signed:

Heather R. McLaughlin
Assistant County Engineer
Erosion Control Supervisor

ROUTT COUNTY
POB 773598
STEAMBOAT SPRINGS CO 80477
(970) 879-0831 FAX: (970) 879-3992

FUNK GRAVEL PIT
STORMWATER MANANAGEMENT PLAN
(SWMP)

FACILITY NAME: Funk Pit
D.M.G. Permit #: M-79-058
SWMP Administrator: Bill Rogers
Plan Prepared Date: 2/25/02

Location: T6N, R88W, Sect 12 NW ¼

Receiving Waters: Pit drainage into natural existing drainages. Possible runoff during a large storm and snowmelt events to Yampa River located North of pit area, 1 miles.

1.0 Site Description

The site is located approximately 2.2 miles East of the Town of Hayden, Colorado, on the South side of Highway 40. Access to pit area is directly off of Highway 40 via a gravel road.

2.0 Description of Operation

The site is being developed for aggregate mining and processing. The mining area is currently less than 10 acres with plans to expand the pit area to approximately 47.6 acres not all of which will be disturbed.

Crushing facilities will be located on site intermittently.

3.0 Site Drainage

The pit is above the ground water table. During large storm or snow melt events it is possible that some runoff could flow off of pit area and into the Yampa river via barrow, irrigation ditches and over the top of Highway 40, approximately 1 mile to the North of pit location.

4.0 Potential Pollutant Sources / Material Inventory & BMP's

The most effective control is to limit the amount of potential pollution from the beginning. In a sand and gravel mining operation the large and ongoing site disturbance causes sediment pollution of storm water. In order to limit potential pollutant sources every effort will be made to limit disturbed area and revegetate as soon as possible. Attached is a specific list (Attachment 4.1) of Potential Pollutant Sources that also summarizes the Control Measures and Best Management Practices for each.

5.0 Inspection, Maintenance and Recordkeeping

Daily vehicle and equipment inspections are standard operating procedures. Signs of leaks or potential problems are reported and repaired. Preventative maintenance is conducted on all equipment with records kept at Routt County Road & Bridge Shops.

A comprehensive inspection will be conducted no less than twice a year, once in the spring before crushing operations startup and the again in the fall. Attached is a sample inspection report form. The SWMP will be revised as necessary to maintain good storm water quality. Any spills that may occur will be documented on a Spill Report Form, see attached.

A copy of this Stormwater Management Plan and the inspection reports will be available at the site and/or at the Road & Bridge office, for inspections by Colorado Department of Public Health and Environment (CDPHE).

5.1 Employee Training

The SWMP administrator or designated training personnel shall review environmental and safety procedures as required by the Mining Safety and Health Administration. This training will be conducted so as to keep operation in compliance with the permit requirements and ongoing changes of site. This training will include but not limited to the following topics:

- Spill prevention and response
- Good housekeeping methods
- Material management methods
- Sediment and erosion prevention

4.1 Table of Potential Pollutant Sources and Control Measures

| POTENTIAL SOURCE | POLLUTANT | CONTROL MEASURES / BMP's |
|------------------------------|-----------|---|
| TOPSOIL STOCKPILE | SEDIMENT | Preparation of stockpile area will be done at a slope no greater than 2 to 1. Dozers will be used and will run bottom to top to create pockets to trap water run off. Reseed as soon as possible after soil is stockpiled. If reseeding can to be completed in a timely manner straw mulch will be applied to area. |
| OVERBURDEN STOCKPILE | SEDIMENT | Preparation of stockpile area will be done at a slope no greater than 2 to 1. Dozers will be used and will run bottom to top to create pockets to trap water run off. Reseed as soon as possible after soil is stockpiled. If reseeding can to be completed in a timely manner straw mulch will be applied to area. |
| HAUL ROAD(1000 FT to Hwy 40) | SEDIMENT | Runoff will be directed into the existing barrow ditch and utilization of existing vegetation will occur to control contaminants. |
| PARKING AREA | SEDIMENT | Containment same as mining area |
| MINING AREA | SEDIMENT | Direct runoff into drainage area and use natural landscape as well as silt fencing and strawbales |
| FUEL STORAGE AREA | PETROLEUM | Self Contained unit. |
| EQUIPMENT MAINTENANCE | | |
| DOZERS | PETROLEUM | Maintenance performed at the District 2 R&B shop, 37790 CR 53. |
| LOADERS | PETROLEUM | Maintenance performed at the District 2 R&B shop, 37790 CR 53. |
| CRUSHER | PETROLEUM | Maintenance performed on site. Waste oil being hauled off site for disposal. |
| PORTOLET | | Self contained unit on trailer. |
| OTHER DISCHARGES | | No other discharges. Dry mining operation. |
| | | |
| | | |
| | | |

Water Use & Water Rights

Funk Gravel Pit

There is no surface water, water rights, or well permits within the pit boundaries. The only water used will be for dust suppression. Storm water runoff is addressed in the storm water management plan.

STATE OF COLORADO

DIVISION OF WATER RESOURCES
WATER DIVISION SIX
Office of the State Engineer
Department of Natural Resources

1120 South Lincoln Ave., Suite 101
P.O. Box 773450
Steamboat Springs, CO 80477
Phone: (970) 879-0272
FAX: (970) 879-1070

<http://water.state.co.us/default.htm>



Bill Owens
Governor

Greg t. Walcher
Executive Director

Hal D. Simpson, P.E.
State Engineer

Robert M. Plaska
Division Engineer

December 27, 2000

Tammie Jakino
Routt County Road and Bridge
P.O. Box 773598
Steamboat Springs, CO 80477

Re: Funk Gravel Pit Expansion

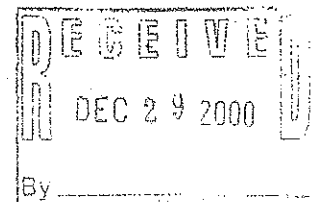
Dear Ms. Jakino:

A reviews of our records shows that there are no decreed water rights or permitted well in the NE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 12, Township 6 North, Range 88 West of the 6th Principal Meridian.

If the proposed expansion of this gravel pit exposes ground water you will need to obtain a gravel pit well permit. At the present time our office is issuing permits in this location without the need of a plan for augmentation.

Sincerely:

Robert M. Plaska
Division Engineer



Visual Impact Analysis

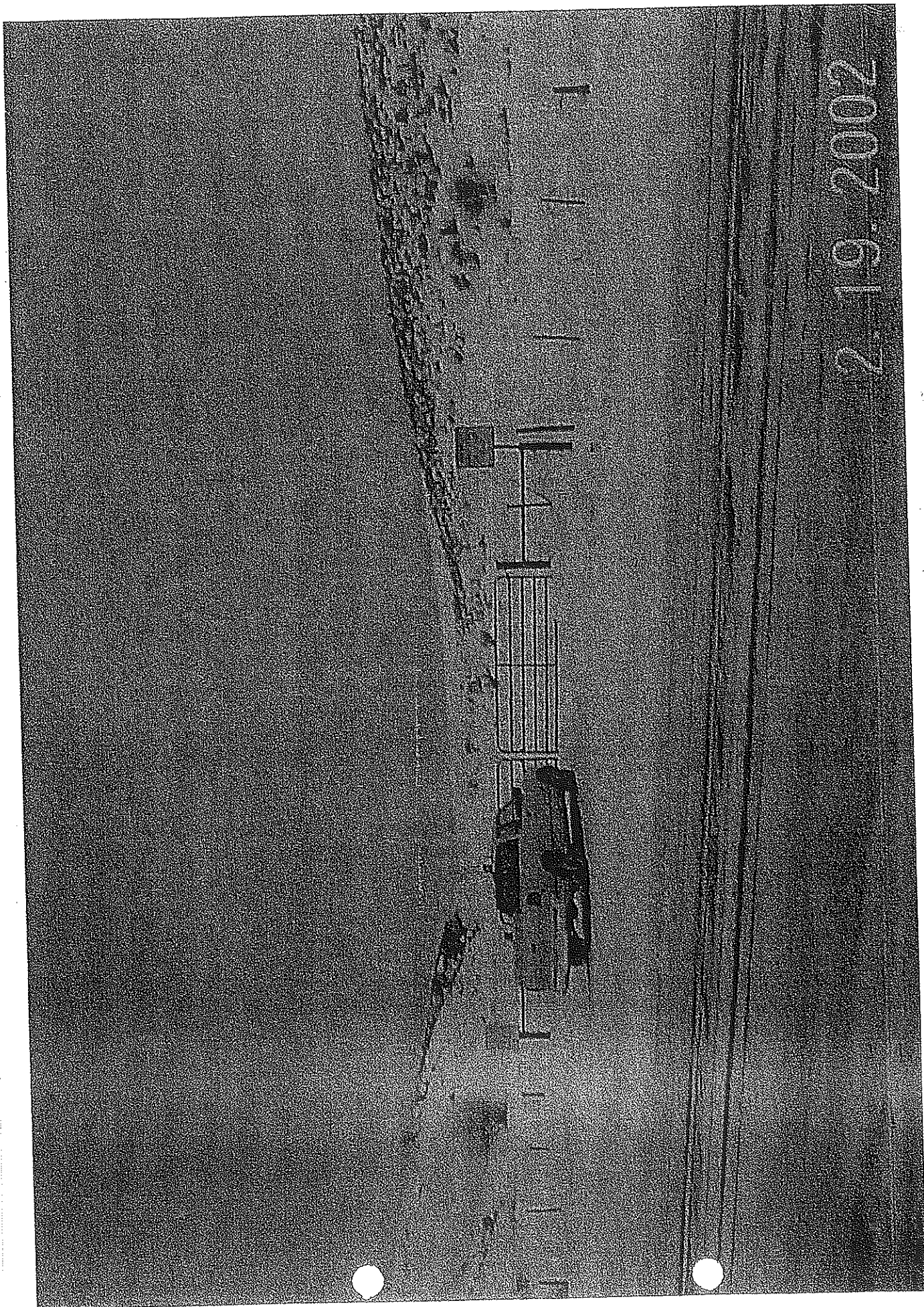
Funk Gravel Pit

Visual analysis was completed and attached are pictures of the only location that the public may be able to view mining operations. As illustrated in the pictures, a berm has been established and the mining area is behind this berm. The truck traffic and a small section of the haul road will be the main visual impact of the operation.

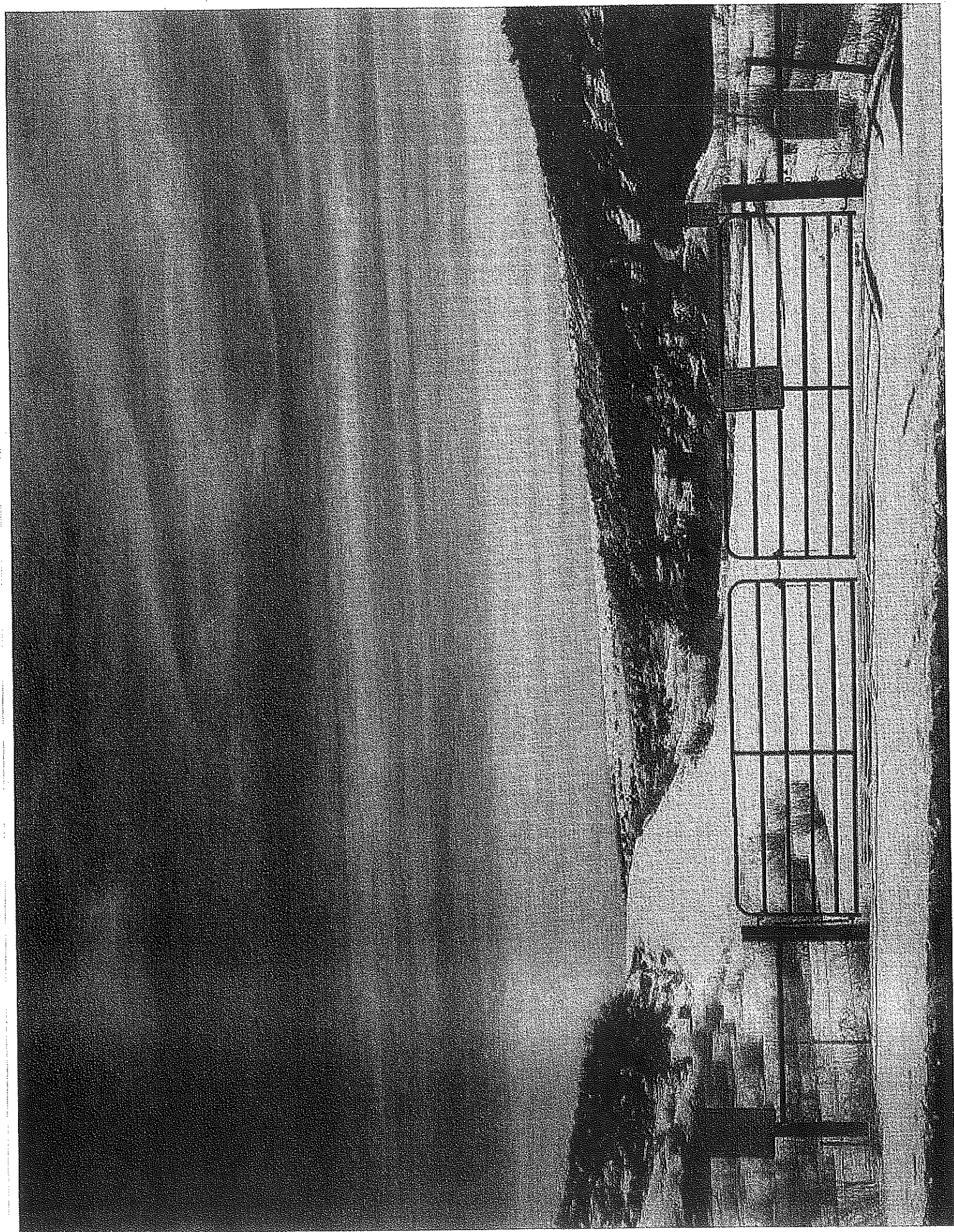
When Phase 3 of mining is started, the berm is to be mined so that reclamation of the site can be completed. At this time some of the operation will be visible to the public traveling on U.S. 40.

Signage for Funk Gravel Pit

Attached are pictures of the signs that mark the Funk gravel pit along U.S. 40. When the crusher is in the pit and operating signage that is mandated by MSHA will be in place, per our MSHA Part 46 plan (relating to danger areas, speed limits, travel directions, etc...)



2-19-2002



Noise Mitigation

Funk Gravel Pit

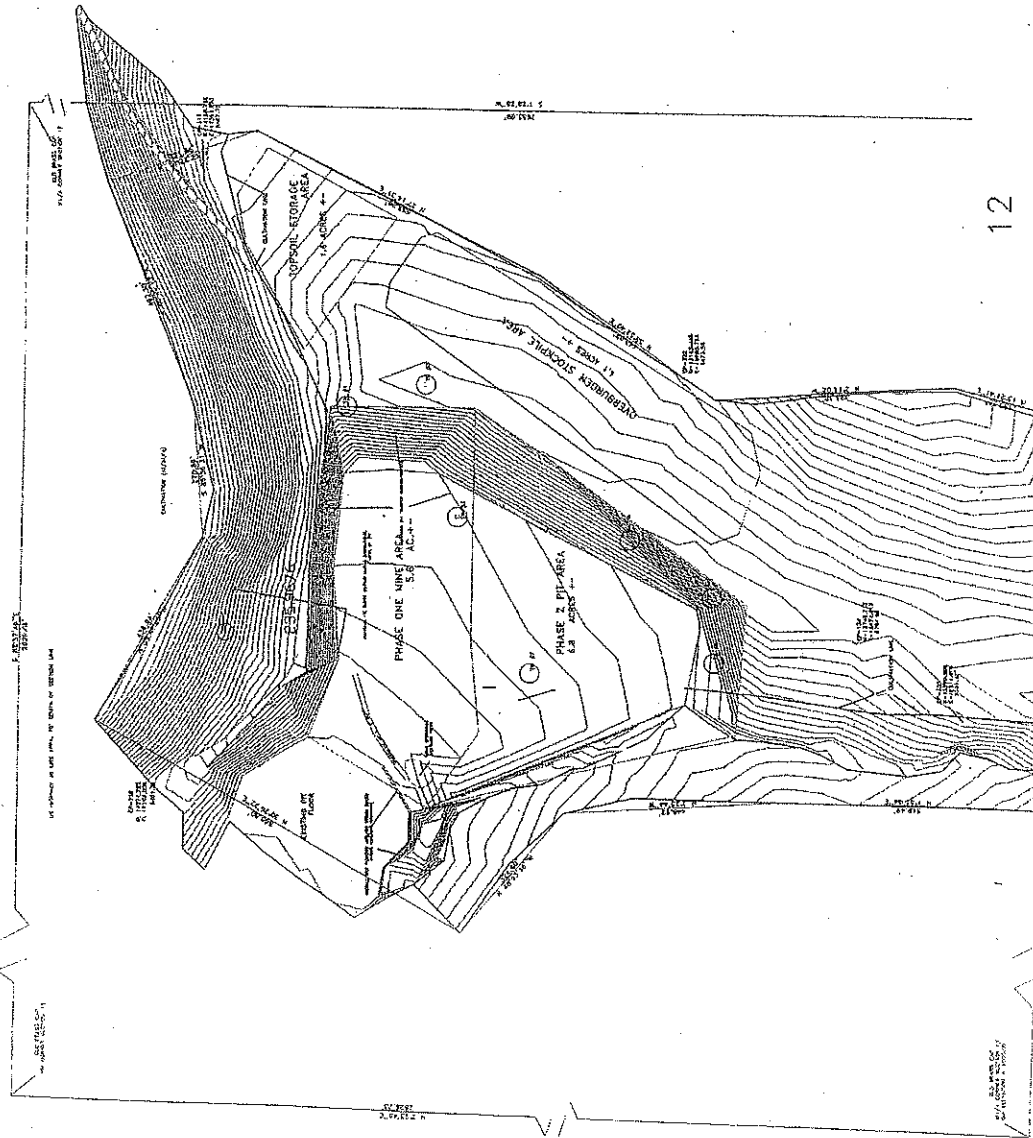
There have been no noise complaints to the Road and Bridge Department in the history of the operation. Therefore there is no noise mitigation plan.

Site Plans

Funk Gravel Pit

Attached are the site plans for phase 1, 2 & 3. Routt County is currently operating in phase 2.

MINING PLAN, PHASE 2 NE 1/4 SECTION 12, T6N R9W, 6TH P.M. ROUIT COUNTY, COLORADO (FUNK GRAVEL PIT)



- NOTES:
1. THE ABOVE IS A PRELIMINARY PLAN. THE PLANS WILL BE REVISIT AT 15 TO 20 FEET.
 2. A TOTAL INTERSECTION OF THE PITS WILL BE CONSIDERED AS SHOWN TO THE RIGHT OF THE PITS. THE PITS WILL BE CONSIDERED AS SHOWN TO THE RIGHT OF THE PITS.
 3. THE PITS WILL BE CONSIDERED AS SHOWN TO THE RIGHT OF THE PITS. THE PITS WILL BE CONSIDERED AS SHOWN TO THE RIGHT OF THE PITS.
 4. ALL STAKES MUST BE IN THE GROUND TO CORRELATE ANY STAKES THAT ARE NOT.

1" = 100'

0 100 200 300

INDICATES MINIMUMS FOUND AS NOTED
INDICATES SURVEY CONTROL POINT
CL. 10000 INTERVAL = TWO FEET
CL. 10000 BASED ON 1000' HIGHER ELEVATION
CL. 10000 BASED ON 1000' HIGHER ELEVATION

| ROUIT COUNTY, COLORADO | | MINING PLAN, PHASE 2 | |
|-------------------------|-----------------------|-------------------------|-----------------------|
| NE 1/4 SECTION 12 | 6TH P.M. | ADJACENT STOCKPILE AREA | ADJACENT STORAGE AREA |
| ADJACENT STOCKPILE AREA | ADJACENT STORAGE AREA | ADJACENT STOCKPILE AREA | ADJACENT STORAGE AREA |
| ADJACENT STOCKPILE AREA | ADJACENT STORAGE AREA | ADJACENT STOCKPILE AREA | ADJACENT STORAGE AREA |

NOTES: ACCORDING TO COLORADO LAW, THE MINING PLAN, PHASE 2, MUST BE REVISIT AT 15 TO 20 FEET. THE PITS WILL BE CONSIDERED AS SHOWN TO THE RIGHT OF THE PITS. THE PITS WILL BE CONSIDERED AS SHOWN TO THE RIGHT OF THE PITS.

