



File Code: 2810
Date: October 5, 2018

**CERTIFIED MAIL – RETURN
RECEIPT REQUEST
NUMBER: 7016 0910 0002 0319 9738**

Jim Reed
Claimant/ Operator
14454 Cottage Grove Drive
Baxter, MN 56425

Dear Mr. Reed,

I am writing in regards to the JJ Collecting Plan of Operations (MPO) (**#2810-021210-MPO-2018-001**) for lode exploration and mining-related activities on the South Park Ranger District of the Pike National Forest. In my June 14, 2018 letter to you, I informed you that I had signed the JJ Collecting Project Decision Memorandum (DM) on June 12th and also instructed you on the final two steps necessary for MPO approval.

On September 27, 2018, I received your signed Design Criteria that incorporated into Section IV-A the changes and additions that were identified in the DM. As per the Memorandum of Understanding (MOU) between the Forest Service and the State of Colorado, Division of Reclamation, Mining, and Safety (DRMS), the DRMS is the lead bond authority and will be responsible for calculating your reclamation bond. This bond will need to be submitted to and approved by DRMS and the Forest Service in accordance with 36 CFR 228.13, prior to the authorization of your MPO. This bond will be used as a guarantee of faithful performance with the terms and conditions listed in the MPO. As a reminder, the bond can be adjusted during the term of the MPO in response to changes in the operations or to changes in the economy. Also, you may request a partial bond release following completion of the ground disturbing activities (i.e. all but monitoring).

These last two steps conclude the stipulations listed in the DM. Therefore, I have conditionally approved your JJ Collecting MPO with my signature in Section IX (attached). Operations are authorized to begin on June 1, 2019, and are authorized for 5 years, with completion of all activities including reclamation by November 1, 2024.

Please be aware, this approval does not constitute permission to conduct activities that require other agency permits. You are responsible for obtaining all other necessary permits prior to operation. Furthermore, approval of this operating plan in no way authorizes, or in any way permits, a release or threat of a release of hazardous substances or pollutants into the environment that will require a response action or result in the incurrence of response costs.

All designs, monitoring plans, and analyses required by the MPO are subject to the requirement of 36 CFR 228.8 that mining operations be conducted so as, where feasible, to minimize adverse environmental impacts on National Forest surface resources. The operator's compliance with this requirement in no way insulates or releases them from any liability or obligations that may arise



with respect to its operations under any applicable environmental law, including but not limited to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), 42 U.S.C. 9601 et seq. The United States reserves its rights and claims under CERCLA to seek performance of response actions and/or reimbursement of response costs that may be incurred as a result of any release or threat of a release of a hazardous substance from the project, or any ancillary operation for the mining activity.

Prior to ground breaking activities, please contact Geologist Amy Titterington to arrange a field meeting to review the final MPO on site. If you have any questions and/or need clarification regarding the above information, please contact Geologist Amy Titterington at the South Park Ranger District office, by phone at 719-836-2031, and/or by email at amyjtitterington@fs.fed.us.

Sincerely,

A handwritten signature in black ink, appearing to read "Joshua S. Voorhis". The signature is fluid and cursive, with the first name "Joshua" and last name "Voorhis" clearly distinguishable.

JOSHUA S. VOORHIS
District Ranger

Enclosures:

- 1) Approved JJ Collecting MPO, signed October 3, 2018
- 2) DM for JJ Collecting Modification, signed June 12, 2018
- 3) Design Criteria for JJ Collecting Project, signed October 3, 2018

cc: elliott.russell@state.co.us; williamsd@co.teller.co.us; Jeff Schimel

PLAN OF OPERATIONS FOR MINING ACTIVITIES ON NATIONAL FOREST SYSTEM LANDS

USE OF THIS FORM IS OPTIONAL. 1st TIME USERS SHOULD DIRECT QUESTIONS REGARDING THIS FORM OR REGULATIONS (36 CFR 228A) TO THE FOREST SERVICE DISTRICT OFFICE NEAREST YOUR AREA OF INTEREST.

Submitted by:

[Signature]
Signature

[Signature]
Signature

Title

Title

10/20/17

Date

(mm/dd/yy)

10/20/17

Date

(mm/dd/yy)

Plan Received by:

[Signature]
Signature

Geologist

Title

10/25/17

Date

(mm/dd/yy)

I. GENERAL INFORMATION

- A. Name of Mine/Project: 55 Collecting Project #1
- B. Type of Operation: Lode Claim exploration + development
(lode, placer, mill, exploration, development, production, other)
- C. Is this a (☒new/☐continuing) operation? (check one).
If continuing a previous operation, this plan (☐replaces/☐modifies/☐supplements) a previous plan of operations. (check one)
- D. Proposed start-up date (mm/dd/yy) of operation: June 1, 2018
- E. Expected total duration of this operation: June 1, 2023
- F. If seasonal, expected date (mm/dd/yy) of annual reclamation/stabilization close out: July 31st
- G. Expected date (mm/dd/yy) for completion of all required reclamation: November 1, 2022

II. PRINCIPALS

- A. Name, address and phone number of operator:
Jeff Schimel, 10174 87 Street, Edmonton, Alberta, Canada
Jim Reed, 14454 Cottage Grove Dr., Baxter, Minnesota 56425
- B. Name, address, and phone number of authorized field representative (if other than the operator).
Attach authorization to act on behalf of operator.
N/A
- C. Name, address and phone number of owners of the claims (if different than the operator):
Same as above

(If more space is needed to fill out a block of information, use additional sheets and attach form)

D. Name, address and phone number of any other lessees, assigns, agents, etc., and briefly describe their involvement with the operation, if applicable:

N/A

III. PROPERTY OR AREA

(Name of claim, if applicable, and the legal land description where the operation will be located.)

MC#	Name	Section	Township	Range
288179	New Hawk	10	12S	71W
288116	Wildcat	10	12S	71W

IV. DESCRIPTION OF THE OPERATION

A. Access. Show on a map (USGS quadrangle map or a National Forest map, for example) the claim boundaries, if applicable, and all access needs such as roads and trails, on and off the claim. Specify which Forest Service roads will be used, where maintenance or reconstruction is proposed, and where new construction is necessary. For new construction, include construction specifications such as widths, grades, etc., location and size of culverts, describe maintenance plans, and the type and size of vehicles and equipment that will use the access routes.

See attached location map #1 and map #2 for all access routes. Forest service roads used for access are indicated in black ink, whereas temporary access trails are indicated by light blue ink.

1) No new roads will be created for this mining operation. Pre-existing roads will be used for mining access (FS roads 201, 752, 752A, 754, & 754A). As such, all mechanized equipment (mid-sized backhoe) will be "walked in" from nearby 4wd forest service roads and along the access trails marked in blue on location map#2. To minimize disturbance, these "blue" access trails will only be used to transport mechanized equipment to the claim sites in the beginning of the mining season, and then walk the equipment out at the end of the season.

2) There will be 3 access routes (blue ink trails, map#2), totalling 965 feet in length X 12 feet in width. Access #1 will be 365 feet X 12 feet; Access #2 will be 200 feet X 12 feet, and Access #3 will be 400 feet X 12 feet. Each of these access trails will be temporary and will be reclaimed when mining to that site is complete. Grade of the access routes will be less than 10% in each case. No culverts will be required, although water bars could be constructed if necessary.

3) Trash generated at each site will be picked-up and transported out on a routine basis, when vehicles return to town depending on the work schedule and the site.

4) We do not anticipate significant road disturbance, though minor maintenance (water bars) may be necessary to prevent significant disturbance of existing USFS roads to the claim sites (e.g., after a heavy rain). Any erosion that results from work performed on the claims will be repaired and mitigated when found.

5) Reseeding of recontoured ground will be implemented as part of seasonal reclamation or "close-out".

6) Two one ton pick-up trucks, will be used for access.

(If more space is needed to fill out a block of information, use additional sheets and attach form)

- B. Map, Sketch or Drawing.** *Show location and layout of the area of operation. Identify any streams, creeks or springs if known. Show the size and kind of all surface disturbances such as trenches, pits, settling ponds, stream channels and run-off diversions, waste dumps, drill pads, timber disposal or clearance, etc. Include sizes, capacities, acreage, amounts, locations, materials involved, etc.*

See attached location maps #1 and #2. Areas of proposed disturbance, that will consist mainly of open pits are labeled and marked by red rectangles on location map #2. Areas of proposed access routes are marked in blue ink on location map #2. Existing roads are marked by black ink (traced from USGS topo maps).

(If more space is needed to fill out a block of information, use additional sheets and attach form)

C. Project Description. Describe all aspects of the operation including mining, milling, and exploration methods, materials, equipment, workforce, construction and operation schedule, power requirements, how clearing will be accomplished, topsoil stockpile, waste rock placement, tailings disposal, proposed number of drillholes and depth, depth of proposed suction dredging, and how gravels will be replaced, etc. Calculate production rates of ore. Include justification and calculations for settling pond capacities, and the size of runoff diversion channels.

1) Four dig sites across two nearby lode claims will be prospected (see location map#2). Each of these sites had varying levels of disturbance from previous digs. These dig sites were chosen because they reveal the presence of pegmatite structures. The larger timbre that survived the Hayman fire on each site will not be cleared in this operation.

2) Mechanized equipment such as a standard (mid-sized) backhoe will be used to dig an open pit at each of the four sites over the next five years. Each pit will go to a depth of approximately 15-20 feet. There will be no new construction. The purpose of this mining operation is mainly to explore/prospect these four sites to determine their level of productivity. If a given site shows no evidence of good production, that site will not be prospected further, resulting in much less disturbance than what is proposed for that site herein. Tailings and topsoil will be stockpiled and secured for later redistribution at each dig site (see section "H" below).

3) Small open pit mining will consist of enlarging the existing areas of disturbance at each of the proposed sites. Waste rock/overburden will be stockpiled near each pit. Benching at each pit will be no more than 4 feet, with no more than 4 benches per pit. The maximum dimensions are approximate, as they will be irregular in size. Only 1-2 pits will be opened at a time, as the disturbance will be recontoured prior to moving to the next site. Though the sites are numbered, they will not necessarily be opened in that particular order. The proposed operation is small, but the excavation methods will nevertheless conform to MSHA standards and will maintain the safety of those working in or near the pits.

Site 001 is a rectangular area of approximately 140 X 100 feet (.32 acres), which will include enough area for the tailings and storage of topsoil. The access to this site will be 365 feet X 12 feet (4380 square feet). Sites 002 and 003 are contained within a rectangular area of approximately 220 X 120 feet (.60 acres), which will include enough area for the tailings, topsoil and a few test holes between and around the actual dig sites. Specifically, Site 002 is a large, and very old disturbance on the West end of this rectangular area that was previously dug by hand (see location map #2 and photos). Site 003 is a small pit on the east end of this rectangular area that was previously dug by hand (see location map #2 and photos). Some test holes between and around these two dig sites will be dug to assess the existence of new pegmatites. Thus, we have included both dig sites within a larger area of proposed disturbance. Therefore, the actual area that will be disturbed will likely be much less than the proposed .60 acres. The access to these sites will be 200 feet X 12 feet (2400 square feet). Site 004 is a small pit previously dug with hand tools (see location map #2 and photos). We plan to dig a pit at this location roughly 100 X 86 feet (.197 acres), which will include enough area for the tailings and storage of topsoil. The access to this site will be 400 feet X 12 feet (4800 square feet).

4) Estimated production rates should not exceed 400 yards/day, with less than 5 yards per day of "ore" material.

5) Recontouring and seeding of disturbed areas will be conducted as part of annual reclamation and close-out.

6) Reclamation will include back-filling new prospects and pits that show no potential for further development, recontouring the surface, replacing topsoil, and seeding (generally as part of year end close-out). Seeding will take place at the conclusion of each season using a seed mixture recommended by the USFS.

7) During interim periods no additional sediment control/erosion measures will be taken other than those detailed in 5) and 6) above. All excavations will be backfilled, recontoured, and seeded prior to close out. Other sediment control measures implemented during excavation will be left in place where installed.

8) Only small aspens and shrubs will be cleared at site 001, and a few shrubs will be cleared near each of the other sites. No larger, mature conifers will be cleared by this mining operation.

The work program will progress as proposed on a seasonal basis (during June and/or July), up to a max of 60 days per season, but only 30 days per year on average. No blasting is expected for this mining operation. Each of the 4 sites will be completely reclaimed at the end of 5 years. If exploration of a dig site warrants further exploration, then additional work will be proposed, a revised plan of operations will be filed, and approval of the revised plan would precede any further work on the New Hawk or the Wildcat lode claims.

The total area of disturbance for this project is estimated as follows: Site 001 (excavation area + access) = 18380 square feet; Sites 002 and 003 (excavation area + access) = 28800 square feet; and Site 004 (excavation + access) = 13400

(If more space is needed to fill out a block of information, use additional sheets and attach form)

square feet. Thus, the total estimated disturbance is 60580 square feet, or 1.39 acres, with a max of .35 acres affected at any one time.

of 60 days per year

D. Equipment and Vehicles. *Describe that which is proposed for use in your operation (Examples: drill, dozer, wash plant, mill, etc.). Include: sizes, capacity, frequency of use, etc.*

Vehicles to be used on site could include up to two one-ton 4WD pick-up trucks, and one mid-sized AWD backhoe (John Deere 580 case 4wd) with 30" - 32" bucket. Powered excavation equipment would be used on a regular basis up to 7 days per week, for likely not more than 3 weeks per year. Other tools and equipment might include various hand tools (picks, shovels, pry bars, sledge hammers), impact hammers (electrically, battery, or air operated), and possibly a generator (e.g., Honda), and/or portable air compressor.

Unless crews camp on the claims (in appropriate areas per Forest Service guidelines) all hand tools, the ATV, etc. will be removed by the crew daily prior to leaving the sites. Powered equipment will remain on site for the duration of the season.

E. Structures. *Include information about fixed or portable structures or facilities planned for the operation. Show locations on the map. Include such things as living quarters, storage sheds, mill buildings, thickener tanks, fuel storage, powder magazines, pipelines, water diversions, trailers, sanitation facilities including sewage disposal, etc. Include engineering design and geotechnical information for project facilities, justification and calculations for sizing of tanks, pipelines and water diversions, etc.*

No temporary or permanent structures, sheds, storage, or other facilities exist or are planned/ proposed on site.

The work crew may camp on site, to prevent mineral trespass in the open pit area in order to protect mineral products and equipment against vandalism or theft. Otherwise, the crew (2-3 persons) would commute to the claim daily when open pit mining is underway. Camping on site by the crew will likely be limited to 10 days or less, possibly intermittently. A possible campsite location is shown on the attached location map #2. Vehicles will be parked adjacent to the existing roads that will be use for access, it having been permitted, bonded, and scheduled for reclamation at the end of the project period.

Solid waste from camping will be buried in cat holes as prescribed in Leave No Trace camping guidelines. Camping equipment will consist of a small 8 X 8 feet tent, and trucks outfitted to sleep 1 man per truck, with sleeping bags, propane stove, folding chairs, etc.

V. ENVIRONMENTAL PROTECTION MEASURES (SEE 36 CFR 228.8)

A. Air Quality. *Describe measures proposed to minimize impacts on air quality such as obtaining a burning permit for slash disposal or dust abatement on roads.*

(If more space is needed to fill out a block of information, use additional sheets and attach form)

We will not burn slash or make campfires. Instead, slash will be composted near top-soil storage to ensure good quality topsoil upon reclamation. This project will not create significant dust, though dust will be controlled near the dig sites, if necessary, with water via hand pump sprayers. The sprayers would also serve as part of our fire control measures on site, together with hand tools and the backhoe when on site.

B. Water Quality. *State how applicable state and federal water quality standards will be met. Describe measures or management practices to be used to minimize water quality impacts and meet applicable standards.*

1. *State whether water is to be used in the operation, and describe the quantity, source, methods and design of diversions, storage, use, disposal, and treatment facilities. Include assumptions for sizing water conveyance or storage facilities.*
2. *Describe methods to control erosion and surface water runoff from all disturbed areas, including waste and tailings dumps.*
3. *Describe proposed surface water and groundwater quality monitoring, if required, to demonstrate compliance with federal or state water quality standards.*
4. *Describe the measures to be used to minimize potential water quality impacts during seasonal closures, or for a temporary cessation of operations.*
5. *If land application is proposed for waste water disposal, the location and operation of the land application system must be described. Also describe how vegetation, soil, and surface and groundwater quality will be protected if land application is used.*

- 1) Water, other than for minor dust control and fire control equipment, will not be used in this operation.
- 2) Installation of sediment controls such as rice-straw batting, straw bales, or geotextile material, as warranted. Recontouring and seeding of disturbed areas will be conducted as part of annual reclamation and close-out. Soil erosion controls will be used in according to USFS standards and Colorado State regulations (i.e., DRMS rules and regulations: e.g., Rule 3.1.9 - Topsoiling).
- 3) None are anticipated nor required for this operation.
- 4) Water quality will not be impacted during winter closure due to the small size of the operation and the erosion/sediment controls in #2 from above, and from annual reclamation and close out.
- 5) No wastewater disposal is necessary.

C. Solid Wastes. *Describe the quantity and the physical and chemical characteristics of solid waste produced by the operation. Describe how the wastes will be disposed of including location and design of facilities, or treated so as to minimize adverse impacts.*

Refuse will be transported out on a regular schedule, whenever vehicles return to town based on the work schedule for a given day. If the work crew decides to camp on site for short periods of time, cat holes will be used to bury human feces, while bagging and removing toilet paper from the site to a proper disposal area. Leave no Trace camping principles will be followed.

D. Scenic Values. *Describe protection of scenic values such as screening, slash disposal, or timely reclamation.*

(If more space is needed to fill out a block of information, use additional sheets and attach form)

Slash generated by clearing trees and shrubs around each dig site will be placed in and around the topsoil storage piles as mulch and compost to ensure topsoil remains in good condition for the final reclamation. The topsoil piles will be placed on flat ground, out of view by anyone traveling on nearby USFS roads. Recontouring and seeding of disturbed areas will be conducted as part of annual reclamation at close-out to maintain scenic values throughout the year. Photographs will be taken of the area prior to excavation at each site to facilitate restoration of the area to its original contour and form upon final reclamation.

Some reconouring and re-seeding of some disturbed areas may be delayed if an area is to be opened up again the next season for further development.

(If more space is needed to fill out a block of information, use additional sheets and attach form)

- E. Fish and Wildlife.** *Describe measures to maintain and protect fisheries and wildlife, and their habitat (includes threatened, endangered, and sensitive species) affected by the operations.*

There are no streams, bogs, or other riparian areas within the proposed areas of operation. Sediment/erosion controls installed as described above as well as recontouring and seeding of excavations/open pit areas will minimize impact to any disturbed browsing or foraging areas.

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- F. Cultural Resources.** *Describe measures for protecting known historic and archeological values, or new sites in the project area.*

No historic or archeological sites are known or have been located in or around the proposed areas of disturbance. Any evidence found or archeological or historical sites or artifacts will prompt an immediate shut down of work and notification of the District Ranger.

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- G. Hazardous Substances.**

1. *Identify the type and volume of all hazardous materials and toxic substances which will be used or generated in the operations including cyanide, solvents, petroleum products, mill, process and laboratory reagents.*

The only potential sources of pollutants, including hazardous materials and toxic substances, will come from vehicles, the backhoe, or generator. These pollutants are limited to fuel residue, lubricating or hydraulic oils and grease. These materials are not expected to be released or come into contact with soil, rock, or organic life. Best management practices will be employed to prevent any release of pollutants. No contaminants will be stored on site, except in vehicle or equipment tanks designed for such purpose or in OSHA/MSHA approved safety cans for refueling the generator; or within a pick-up truck mounted tank used for refueling the backhoe. Depending on the duration of the work in a given season, up to 70 gallons of diesel fuel and 50 gallons of gasoline may be stored in the appropriate storage tanks and delivery systems of the backhoe and support vehicles. Roughly 25 pounds of grease and 25 gallons of hydraulic fluids will be contained in the backhoe. MSDS information will be available on site during operations.

2. *For each material or substance, describe the methods, volume, and frequency of transport (include type of containers and vehicles), procedures for use of materials or substances, methods, volume, and containers for disposal of materials and substances, security (fencing), identification (signing/labeling), or other special operations requirements necessary to conduct the proposed operations.*

Best management practices will be employed to prevent release of contaminants. No pollutants will be stored on site, except in vehicle or equipment tanks designed for such purpose or in OSHA/MSHA approved 5 gallon safety cans for refueling the generator if need be. If need be, up to 50 gallons of diesel fuel may be stored within a pick-up truck mounted tank used for refueling the backhoe or excavator.

Approximately 70 gallons of diesel fuel and 50 gallons of gasoline may be stored in fuel tanks and delivery systems in the backhoe and pick-up trucks. Roughly 25 pounds of grease and 25 gallons of hydraulic fluids will be contained in the backhoe.

Fuel for the backhoe will be transported daily during operations.

Because no pollutants will be stored on site, except as noted above, no special containment area or fencing will be needed. The storage tank mounted on the truck and smaller storage cans will be labeled as flammable and safety signs will be posted to indicate no smoking or fire in the area.

Vehicles will be equipped with fire extinguishers and other fire fighting equipment will be on site including hand pump water sprayers, together with hand tools and the backhoe when on site.

3. *Describe the measures to be taken for release of a reportable quantity of a hazardous material or the release of a toxic substance. This includes plans for spill prevention, containment, notification, and cleanup.*

(If more space is needed to fill out a block of information, use additional sheets and attach form)

Best management practices will be employed to prevent any release of pollutants. No contaminants will be stored on site, except in vehicle or equipment tanks designed for such purpose or in OSHA/MSHA approved safety cans for refueling the generator; or within a pick-up truck mounted tank use for refueling the backhoe. In the event of a reportable spill, the USFS will be notified, all contaminated soils will be excavated and removed from Forest Service lands, and treated or disposed of according to NEPA regulations.

(If more space is needed to fill out a block of information, use additional sheets and attach form)

- H. **Reclamation.** Describe the annual and final reclamation standards based on the anticipated schedule for construction, operations, and project closure. Include such items as the removal of structures and facilities including bridges and culverts, a revegetation plan, permanent containment of mine tailings, waste, or sludges which pose a threat of a release into the environment, closing ponds and eliminating standing water, a final surface shaping plan, and post operations monitoring and maintenance plans.

Annual reclamation will include back-filling any new prospects and pits as permitted within this POO (pre-existing disturbances not included), recontouring the surface area, replacing topsoil and seeding as part of year-end close out.

All topsoil will be scraped, along with a small amount of subsoil to a depth of approximately 8 inches. The topsoil will be placed uphill from the excavation site on flat areas and buttressed with deadfall for redistribution. Slash from cleared shrubs will be mixed with the topsoil as compost to keep the topsoil in good condition. Regolith and substratum will be piled adjacent but separated from the topsoil. When the excavation is reclaimed, the substratum and rock will be placed first into the excavation, followed by the soil. The soil will be distributed evenly to a maximum depth allowed by the amount of soil initially present. The site will be re-contoured to match the original contour, except where prudent to terrace the surface to prevent erosion and to hold the soil. Silt fences or deadfall from the Hayman fire will also be used on slopes to prevent erosion and will remain in place until vegetation is reestablished. Some seeding of the topsoil with perennials may be necessary to maintain the condition of the topsoil and as a measure to prevent erosion.

All sites will be prepared by raking with the backhoe or excavator bucket to break up the soil and provide small furrows for trapping and holding seeds and water. Seed will be broadcasted by hand to ensure good placement and even distribution.

Seeding rate will be based on USFS recommendation of 40 lbs live seed per acre. However, the actual live rate amount could change slightly in a given season depending on the availability of seed and the tested germination rate for a given season. Each site will be reseeded until adequate growth is achieved. If a site does not show good growth the following spring it will be reseeded. Progress will be tracked in yearly prospecting reports. The seed mixture to be used is detailed below:

Plant Name	Seeding Rate (PLS/Acre)
Elymus lanceolatus (thickspike wheatgrass var. Critana)	23% 9.2 lbs
Bromus marginatus (mountain brome var. Bromar)	20% 8.0 lbs
Festuca ovina (sheep fescue var. Covar)	15% 6.0 lbs
Koeleria cristata (prairie junegrass)	15% 6.0 lbs
Leymus cinereus (great basin wildrye)	10% 4.0 lbs
Bouteloua gracilis (blue gramma var. Hachita)	10% 4.0 lbs
Poa canbyi (canby bluegrass var. Canbar)	5% 2.0 lbs
Trifolium fragiferum (strawberry clover)	2% .8 lbs

VI. FOREST SERVICE EVALUATION OF PLAN OF OPERATIONS

- A. **Required changes/modifications/special mitigation for plan of operations:**

(If more space is needed to fill out a block of information, use additional sheets and attach form)

B. Bond. Reclamation of all disturbances connected with this plan of operations is covered by Reclamation Performance Bond No. ___, dated (mm/dd/yy) ___, signed by ___ (Principal) and ___ (Surety), for the penal sum of ___. This Reclamation Performance Bond is a guarantee of faithful performance with the terms and conditions listed below, and with the reclamation requirements agreed upon in the plan of operations. This Reclamation Performance Bond also extends to and includes any unauthorized activities conducted in connection with this operation.

The bond amount for this Reclamation Performance Bond was based on a bond calculation worksheet. The bond amount may be adjusted during the term of this proposed plan of operations in response to changes in the operations or to changes in the economy. Both the Reclamation Performance Bond and the bond calculation worksheet are attached to and made part of this plan of operations. Acceptable bond securities (subject to change) include:

1. *Negotiable Treasury bills and notes which are unconditionally guaranteed as to both principle and interest in an amount equal at their par value to the penal sum of the bond; or*
 2. *Certified or cashier's check, bank draft, Post Office money order, cash, assigned certificate of deposit, assigned savings account, blanket bond, or an irrevocable letter of credit equal to the penal sum of the bond.*
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(If more space is needed to fill out a block of information, use additional sheets and attach form)

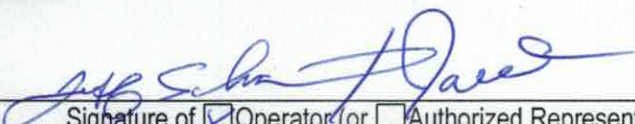
VII. TERMS AND CONDITIONS

- A. If a bond is required, it must be furnished before approval of the plan of operations.
- B. Information provided with this plan marked confidential will be treated in accordance with the agency's laws, rules, and regulations.
- C. Approval of this plan does not constitute certification of ownership to any person named herein and/or recognition of the validity of any mining claim named herein.
- D. Approval of this plan does not relieve me of my responsibility to comply with other applicable state or federal laws, rules, or regulations.
- E. If previously undiscovered cultural resources (historic or prehistoric objects, artifacts, or sites) are exposed as a result of operations, those operations will not proceed until notification is received from the Authorized Officer that provisions for mitigating unforeseen impacts as required by 36 CFR 228.4(e) and 36 CFR 800 have been complied with.
- F. This plan of operations has been approved for a period of 5 years or until (mm/dd/yy) 12/31/2024 ^{AT 10/2/10}. A new or revised plan must be submitted in accordance with 36 CFR part 228, subpart A, if operations are to be continued after that time period.

VIII. OPERATING PLAN ACCEPTANCE

☒ I/We have reviewed and agreed to comply with all conditions in this plan of operations including the required changes, modifications, special mitigation, and reclamation requirements.

☒ I/We understand that the bond will not be released until the Authorized Officer in charge gives written approval.

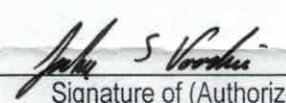

Signature of ☒ Operator (or ☐ Authorized Representative)

10/20/2017
(Date)
(mm/dd/yy)

IX. OPERATING PLAN APPROVAL

Josh Voorhis
(Name)

District Ranger
(Title)


Signature of (Authorized Officer)

10/4/2018
(Date)
(mm/dd/yy)

Burden and Non-Discrimination Statement

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0596-0022. The time required to complete this information collection is estimated to average 12 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call toll free (866) 632-9992 (voice). TDD users can contact USDA through local relay or the Federal relay at (800) 877-8339 (TDD) or (866) 377-8642 (relay voice). USDA is an equal opportunity provider and employer.

(If more space is needed to fill out a block of information, use additional sheets and attach form)

Design Criteria for JJ Collecting Plan of Operations
June 2018

DESIGN CRITERIA

Forest Service wildlife biologist, aquatic biologist, botanist, hydrologist, archaeologist, fuels and fire specialist, and geologist have reviewed the proposed project. Measures necessary to protect threatened or endangered species, Region 2 sensitive species, their habitat, or potential habitat from the effects of the proposed management actions are addressed through the development of project design criteria. Design criteria are intended to minimize the project's effects to the environment. The FS has created the following design criteria that will be required of the Operator to be incorporated into the final MPO prior to MPO approval. Specific design criteria include:

ADMINISTRATIVE

- The operator will establish a reclamation bond or acceptable surety as a guarantee of faithful performance with the terms and conditions identified in the reclamation requirements (36 CFR 228.13). Bond calculations will be based on local and Davis-Bacon wage and equipment rates. Bonds will be updated as necessary throughout the life of the project to reflect the actual cost of reclamation.
- Upon completion of the project, a partial bond can be refunded withholding funds for re-vegetation, monitoring, and portions of indirect costs for a minimum of three (3) years pending attainment of acceptable ground cover as determined by the Authorized Officer.
- If the design or location of this project changes in ways that differ from the approved POO, the project work will stop, and the PSICC Geologist will be notified immediately.
- Any new information will be evaluated prior to the recommencement of work, which may require additional analyses under the National Environmental Policy Act (NEPA). These changes must be addressed in the form of a new plan or plan amendment and approved by the Authorized Officer.
- The operator will contact the FS prior to the start of operations, during operations if operating conditions or requirements deviate from those analyzed, and once operations have been completed, to schedule a visit to the site as a final inspection of the operations.
- All project-related materials and trash, including flagging, fencing, stakes, sample bags, and other items, must be removed from the site after project completion.
- This plan has been approved for a period of 5 seasons, or until November 30, 2020.

FIRE PREVENTION

- All internal combustion engines including but not limited to generators, mechanized mining equipment and power tools, must be fitted with an approved spark arresting device.

CAMPING

- Overnight stays and leaving vehicles on the Forest are limited to a maximum of 14 consecutive days and no more than 28 days in a 60 day continuous period.
- Forest Service Motor Vehicle Use Map (MVUM) related regulations require vehicles to park only in areas immediately adjacent to National Forest System roads.
- All foodstuffs will be properly contained and located to minimize conflicts with wildlife, especially bears. Food items should be stored in a bear proof container away from any tenting or camping sites.
- All trash and garbage will be removed from National Forest Lands.
- Human waste shall be removed from National Forest Lands.

OPERATIONS

- Equipment must be in good working order and not leak fluids onto ground.
- Inoperable or broken equipment must be immediately removed from Forest Service lands.
- Operator must have all applicable Federal, local, and State permits in place prior to operating.

ROADS

- Motorized off-road travel is prohibited with the exception of prospecting, mining and reclamation equipment.
- The non-system access road will be raked and seeded upon the completion of final site reclamation.

WEED PREVENTION

- Ensure all equipment and tools moved onto National Forest System lands are free of soil, seeds, vegetative matter, or other debris that could contain or hold noxious weed seed.
- The operator will coordinate with FS personnel to ensure that inspections are performed.

VEGETATION

- Minimal vegetation clearing will occur. When clearing vegetation, straight clearing limits are voided; a natural appearance is maintained. Natural features such as large boulders, rock outcrops, and significant vegetation will remain intact, unless otherwise approved by the South Park District Ranger.
- Topsoil will be removed and stockpiled on site for use in reclamation.

HAZARDOUS MATERIALS

- The operator will ensure that all employees involved in the use, storage, transportation, and disposal of hazardous materials receive proper training to reduce the risk of an incident on NFS lands.
- The operator will manage the use, storage, discharge, or disposal of pollutants and hazardous or toxic substances generated in compliance with applicable regulations and

requirements.

WATER QUALITY

- If excessive gullying or rilling occurs downhill from excavations, erosion control measures such as straw wattles or contour berms may be necessary to protect water quality.
- Operator will comply with applicable Federal and State water quality standards, including regulations pursuant to the Federal Water Pollution Control Act, as amended (33 USC 1151 et seq.).
- Operator will comply with National Best Management Practices for Water Quality Management on National Forest System Lands. This includes providing silt fences, wattles, and straw bales as necessary.

http://www.fs.fed.us/biology/resources/pubs/watershed/FS_National_Core_BMPs_April2012.pdf

CULTURAL

- If a previously unknown archaeological site is discovered by either the operator or the Forest Service, mining operations will stop immediately until the site is evaluated by the Forest Service Archaeologist, and any needed mitigation measures are developed.

WILDLIFE

- If any new nesting/denning sites for threatened, endangered, or Forest Service sensitive species are observed during implementation, it will be reported immediately to the wildlife Biologist and appropriate protection measures will be implemented.
- Design criteria mentioned above for noise, weed prevention, vegetation and water quality all coincide with protection of wildlife habitat.

RECLAMATION

The operator(s) agree to complete the following reclamation measures:

- Remove all materials and return the mining area to the original natural contours. This includes all excavation cuts.
- Silt fences or other erosion control will be utilized to prevent off-site sediment transport.
- Reclamation will be monitored by the operator, USFS personnel, and State of Colorado (DRMS) inspectors on an as needed basis.
- The road and site will be seeded with USFS-approved seed mixtures, as needed. Re-vegetation will not be complete until at least 70 percent plant re-growth has been established; when compared to adjacent undisturbed areas.
- Top soil must be saved and used to cover all disturbed areas.
- Return large rocks, boulders, and logs near to their original location (can use photographs to document, if necessary).
- The U.S. Forest Service may require additional reclamation measures if needed.
- Earth work- which includes: re-contouring and smoothing all disturbed areas. Earth work will not be considered complete if the surface is rough, no rough piles higher than 12 inches may be left.
- Remove all trash off of your mining claim and any access points associated with your Plan of Operations.

- Remove all structures (fences, signs) from your mining claim and access road.
- Complete all reclamation within one year of the end of the operating plan.
- Refund of any reclamation bond is contingent upon the success of reclamation.

MONITORING

- The Forest Service will monitor and assess the progress of reclamation activities, including re-vegetation and erosion control, for a minimum of three years. Dependent on the success of the second phase of reclamation, additional seeding, weed treatment, or installation of erosion control structures may occur.

THE FOLLOWING STANDARD TERMS AND CONDITIONS ARE TAKEN FROM FOREST SERVICE FORM FS -2800-5 AND ARE REQUIRED FOR THIS PLAN OF OPERATIONS:

- Information provided within this plan that is marked confidential will be treated in accordance with the agency's laws, rules, and regulations.
- Approval of this plan does not relieve me of my responsibility to comply with other applicable state or federal laws, rules, or regulations.
- Approval of this plan does not constitute recognition or certification of ownership to any person named as owner herein.
- Approval of this operating plan does not constitute, now or in the future, recognition or certification of the validity of any mining claim to which it may relate or to the mineral character of the land on which it lies.

I acknowledge and understand these modifications and mitigation measures and agree to adopt them into my mining Plan of Operations.

see attached page

Operator's Signature

Date

John S. Vercelotti
District Ranger

10/4/2018

Date



Joshua S. Voorhis
District Ranger

6/12/2018

Date

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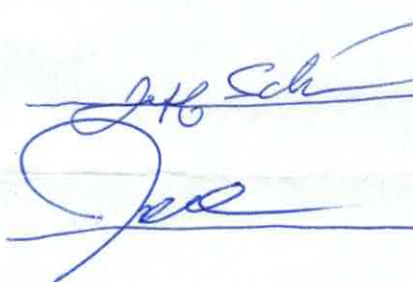
We (Jeff Schimel + Jim Reed) Agree to incorporate the Design Criteria contained in the Decision Memo of our MPO (#2810-021210-MPO-2018-001).

Jeff Schimel



9-6-2018

Jim Reed



9-14-2018

Mr. & Mrs. Reed
14454 Cottage Grove Dr.
Baxter, MN 56425-8221



RECEIVED

SEP 27 2018

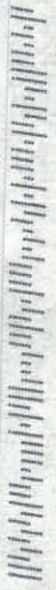
South Park
Ranger District

Amy Titterington
USDA Forest Service
South Park Ranger District
320 Highway 285
P.O. Box 219

20440

8044000215
FBI

09/19



**DECISION MEMO
JJ COLLECTING PROJECT
NEW HAWK AND WILD CAT
UNPATENTED MINING CLAIMS
U.S. FOREST SERVICE
PIKE NATIONAL FOREST
SOUTH PARK RANGER DISTRICT
TELLER COUNTY, COLORADO
T12S, R71W, SECTION 10, 6TH PRINCIPAL MERIDIAN**

BACKGROUND

Operator Jeff Schimel submitted a Mine Plan of Operations (MPO) on October 25, 2017, to conduct mining operations in the Crystal Creek Mining Area on the New Hawk and Wild Cat unpatented mining claims, found in portions of Section 10, T12S, R71W, 6th Principal Meridian, approximately 5.0 miles northeast of Lake George, Colorado, Teller County. The mining operations may be accessed from FSR 201 and will use four non-system access roads, approximately 0.38 acres in disturbance for access, respectively.

This proposal entails the use of mechanized equipment and hand tools to excavate four excavations with a total disturbance of 2.5 acres of National Forest System lands over a period of 5 years. Work conducted will consist of a 1.0 acre work area per claim, 2.0 acres total for both claims. Mining activities will be compliant with all other State and Federal regulations. Mechanized operations will occur on an intermittent basis, for a maximum of 60 days this year. If the operator requires more working days, the Forest Service will be notified prior to the continuation of operations.

Jeff Schimel's proposed activities fall under purview of the Mining Law of 1872, as amended. The operator is entitled to conduct operations that are reasonably incidental to exploration of mineral deposits on their mining claim pursuant to applicable U.S. laws and regulations and is asserting their rights under the General Mining Law to explore for locatable minerals.

The Forest Service (FS) is required by regulation to respond to a MPO to conduct operations pursuant to the Mining Law of 1872, as amended. Under 36 CFR 228.5, the FS must determine whether to approve the MPO as proposed, or to require changes or additions deemed necessary to meet the requirements of the regulations for environmental protection set forth in 36 CFR 228.8. The FS conducts a thorough review of the environmental effects and determines if any changes or design criteria are needed to minimize resource impacts. Approval of a MPO is not a discretionary action for the FS, and the FS has authority over the surface resources only. Subsurface mineral resources are under the authority of the Bureau of Land Management (BLM).

DECISION

After a review of the project record, I have decided to authorize Jeff Schimel a Plan of Operations to conduct mining operations for amazonite, smoky quartz, and other pegmatite minerals on the New Hawk and Wild Cat unpatented claims in the Crystal Creek Mining Area in Teller County, Colorado. It is my decision to approve the JJ Collecting Project MPO for exploration and mining activities as described above pending (1) the operator incorporates the design features into the final MPO, and (2) the operator posts an appropriate reclamation bond as approved by the FS. Operations approved by this decision will be in compliance with the rules and regulations for operations on NFS lands (36 CFR 228, Subpart A). All operations will be conducted in accordance with the design features to minimize and/or eliminate environmental impacts on NFS surface resources (36 CFR 228.8). Approval of this MPO is consistent with 36 CFR 228.5. Activities are authorized for up to five years from the date of signature on the MPO.

This action is categorically excluded from documentation in an environmental impact statement (EIS) or an environmental assessment (EA). The applicable category of actions is identified in agency procedures as 36 CFR 220.6(e)(3): *"Approval, modification, or continuation of minor special uses of NFS lands that require less than five contiguous acres of land."*

This category of action(s) is applicable because there are no cause-effect relationships between the proposed action and the potential effect on resource conditions that could lead to effects on any extraordinary circumstance that would warrant analysis beyond a categorical exclusion (36 CFR 220.6(b)) (FSH 1909.15, Sec. 31.2). I have considered the resource conditions listed in the Forest Service NEPA regulations at 36 CFR 220.6(b) as outlined below.

I find that there are no extraordinary circumstances that would warrant further analysis and documentation in an EA or EIS. I took into account resource conditions identified in agency procedures that should be considered in determining whether extraordinary circumstances might exist:

- a. **Federally listed threatened or endangered species or designated critical habitat, species proposed for Federal listing or proposed critical habitat, or Forest Service sensitive species** – Federally listed threatened or endangered species or designated critical habitat, species proposed for Federal listing or proposed critical habitat, or Forest Service sensitive species. There are 10 Forest Service Sensitive species (Fringed myotis, Hoary bat, Townsend's bit-eared bat, Peregrine falcon, Bald eagle, Flammulated owl, Northern goshawk, Olive-sided flycatcher, Northern leopard frog, and Boreal toad) and 1 Federally – threatened species (Mexican spotted owl) that have the potential to occur within the Analysis area which is defined as one mile from the footprint of the proposed action. No observations of any of these species have been recorded within one mile of the project area. There is no critical or proposed critical habitat for any species in the project area.

The Forest Service sensitive species Fringed myotis, Hoary bat, Townsend's bit-eared bat, Peregrine falcon, Bald eagle, Flammulated owl, Northern goshawk, Olive-sided flycatcher, Northern leopard frog, and Boreal toad were analyzed because 1.0 acre of habitat would be directly impacted. This is a minute amount of habitat and it is unlikely

these species utilize this particular piece of land during the summer because of the ongoing activities. There is suitable habitat for all of these species adjacent to the proposed action where they likely prefer to forage and rest. No habitat would be directly impacted. There are already noise disturbances in the area due to other mining operations in Crystal Creek, and without an acoustical study it is unknown as to how much disturbance the additional noise would cause. Once the project is completed, wildlife use of the area would likely return to pre-implementation levels. Because this proposed project will take place during the daylight hours of the summer months, it is determined that the project may adversely impact individuals, but will not likely result in a loss of viability in the planning area for all sensitive addressed in this analysis.

A separate Biological Assessment and Biological Evaluation were completed for botanical and wildlife species. They are included in the project record.

- b. **Flood plains, wetlands, or municipal watersheds** – The project will not occur within or affect floodplains, wetlands, or municipal watersheds. (Project file record: JJ Collecting Project Map, 2018).
- c. **Congressionally designated areas such as wilderness, wilderness study areas, or national recreation areas** – The project will not occur within or affect any congressionally designated areas (Project file record: Location of JJ Collecting Project Map, 2018).
- d. **Inventoried roadless areas or potential wilderness areas** – The project will not occur within or affect inventoried roadless areas (Project file record: JJ Collecting Project Map, 2018).
- e. **Research natural areas** – The project will not occur within or affect research natural areas (Project file record: Location of JJ Collecting Project Map, 2018).
- f. **American Indians and Alaska Native religious or cultural sites** – There are no known Native American or Alaska Native religious or cultural sites within the project area (Project file record: **Cultural Resources Investigation #12-2806/ INFRA 2007-107**) for the JJ Collecting Project, Teller County, Colorado).
- g. **Archaeological sites, or historic properties or areas** – The Forest has completed compliance with Section 106 of the National Historical Preservation Act of 1966, as amended. The Forest has determined that no historic properties would be affected by the JJ Collecting Project (see also **Cultural Resource Report, 2018**).

Based upon these determinations, I conclude that the operations are limited in context and intensity (40 CFR 1508.27), and this action is expected to produce little or no individual or cumulative environmental effects to either biological or physical components of the human environment (see Table 1). My conclusion is based on a review of the record that shows a thorough analysis using the best available science. Therefore, the proposed action with the addition of design features identified above is consistent with the management direction, standards, and guidelines.

Table 1: Summary of Resource Conditions.

DESIGN CRITERIA

Forest Service wildlife biologist, aquatic biologist, botanist, hydrologist, archaeologist, fuels and fire specialist, and geologist have reviewed the proposed project. Measures necessary to protect

Extraordinary Circumstances	Present?	Effects to any Extraordinary Circumstance?
a. Federally listed threatened or endangered species or designated critical habitat, species proposed for Federal Listing or proposed critical habitat, or Forest Service sensitive species	Yes (see BA & BE)	No
b. Flood plains, wetlands, or municipal watersheds	No	No
c. Congressionally designated areas, such as wilderness, wilderness study areas, or national recreation areas	No	No
d. Inventoried road less areas or potential wilderness areas	No	No
e. Research natural areas	No	No
f. American Indians and Alaska Native religious or cultural sites	No	No
g. Archaeological sites, or historic properties or areas	No	No

threatened or endangered species, Region 2 sensitive species, their habitat, or potential habitat from the effects of the proposed management actions are addressed through the development of project design criteria. Design criteria are intended to minimize the project's effects to the environment. The FS has created the following design criteria that will be required of the Operator to be incorporated into the final MPO prior to MPO approval. Specific design criteria include:

ADMINISTRATIVE

- The operator will establish a reclamation bond or acceptable surety as a guarantee of faithful performance with the terms and conditions identified in the reclamation requirements (36 CFR 228.13). Bond calculations will be based on local and Davis-Bacon wage and equipment rates. Bonds will be updated as necessary throughout the life of the project to reflect the actual cost of reclamation.
- Upon completion of the project, a partial bond can be refunded withholding funds for re-vegetation, monitoring, and portions of indirect costs for a minimum of three (3) years pending attainment of acceptable ground cover as determined by the Authorized Officer.

- If the design or location of this project changes in ways that differ from the approved MP, the project work will stop, and the PSICC Geologist will be notified immediately. The new information will be evaluated prior to the recommencement of work, which may require additional analyses under the National Environmental Policy Act (NEPA).
- The operator will contact the FS prior to the start of operations, during operations if operating conditions or requirements deviate from those analyzed, and once operations have been completed, to schedule a visit to the site as a final inspection of the operations.
- All project-related materials and trash, including flagging, fencing, stakes, sample bags, and other items, must be removed from the site after project completion.
- This plan has been approved for a period of 5 years, or until December 31, 2023.

FIRE PREVENTION

- All internal combustion engines including but not limited to generators, mechanized mining equipment and power tools, must be fitted with an approved spark arresting device.
- Operator has tools, fire extinguisher on site and readily available during fire season.
- Operator notifies South Park Ranger District or Pueblo Dispatch (719) 553-1600 promptly, in the event of a fire.

CAMPING

- Overnight stays and leaving vehicles on the Forest are limited to a maximum of 14 consecutive days and no more than 28 days in a 60 day continuous period.
- Forest Service Motor Vehicle Use Map (MVUM) related regulations require vehicles to park only in areas immediately adjacent to National Forest System roads.
- All foodstuffs will be properly contained and located to minimize conflicts with wildlife, especially bears. Food items should be stored in a bear proof container away from any tenting or camping sites.
- All trash and garbage will be removed from National Forest Lands.
- Human waste shall be removed from National Forest Lands.

OPERATIONS

- Equipment must be in good working order and not leak fluids onto ground.
- Inoperable or broken equipment must be immediately removed from Forest Service lands.
- Operator must have all applicable Federal, local, and State permits in place prior to operating.

ROADS

- Motorized off-road travel is prohibited with the exception of prospecting, mining and reclamation equipment.

- The non-system access road will be permanently ripped, graded, seeded, and closed with boulders or other appropriate materials upon the completion of final site reclamation.

WEED PREVENTION

- Ensure all equipment and tools moved onto National Forest System lands are free of soil, seeds, vegetative matter, or other debris that could contain or hold noxious weed seed.
- The operator will coordinate with FS personnel to ensure that inspections are performed.

VEGETATION

- Minimal vegetation clearing will occur. When clearing vegetation, straight clearing limits are voided; a natural appearance is maintained. Natural features such as large boulders, rock outcrops, and significant vegetation will remain intact, unless otherwise approved by the South Park District Ranger.
- Topsoil will be removed and stockpiled on site for use in reclamation.

HAZARDOUS MATERIALS

- The operator will ensure that all employees involved in the use, storage, transportation, and disposal of hazardous materials receive proper training to reduce the risk of an incident on NFS lands.
- The operator will manage the use, storage, discharge, or disposal of pollutants and hazardous or toxic substances generated in compliance with applicable regulations and requirements.

WATER QUALITY

- If excessive gullying or rilling occurs downhill from excavations, erosion control measures such as silt fencing or contour berms may be necessary to protect water quality.
- Operator will comply with applicable Federal and State water quality standards, including regulations pursuant to the Federal Water Pollution Control Act, as amended (33 USC 1151 et seq.).
- Operator will comply with National Best Management Practices for Water Quality Management on National Forest System Lands. This includes providing silt fences, waddles, and straw bales as necessary.

http://www.fs.fed.us/biology/resources/pubs/watershed/FS_National_Core_BMPs_April2012.pdf

CULTURAL

- If a previously unknown archaeological site is discovered by either the operator or the Forest Service, mining operations will stop immediately until the site is evaluated by the Forest Service Archaeologist, and any needed mitigation measures are developed.

WILDLIFE

- If any new nesting/denning sites for threatened, endangered, or Forest Service sensitive species are observed during implementation, it will be reported immediately to the wildlife Biologist and appropriate protection measures will be implemented.
- Design criteria mentioned above for noise, weed prevention, vegetation and water quality all coincide with protection of wildlife habitat.

RECLAMATION

The operator(s) agree to complete the following reclamation measures:

- Within the one year expiration of this authorization, the operator will commence final reclamation.
- Remove all materials and return the mining area to the original natural contours. This includes all excavation cuts.
- Silt fences or other erosion control will be utilized to prevent off-site sediment transport.
- Reclamation will be monitored by the operator, USFS personnel, and State of Colorado (DRMS) inspectors on an as needed basis.
- The road and site will be seeded with USFS-approved seed mixtures, as needed.
- Re-vegetation will not be complete until at least 50% plant re-growth has been established; when compared to adjacent undisturbed areas.
- Top soil must be saved and used to cover all disturbed areas.
- Return large rocks, boulders, and logs to their original position.
- The U.S. Forest Service may require additional reclamation measures if needed.
- Earth work- which includes: re-contouring and smoothing all disturbed areas. Earth work will not be considered complete if the surface is rough, no rough piles higher than 12 inches may be left.
- Remove all trash off of Forest Service Lands.
- Remove all structures (fences, signs) from Forest Service Lands with the exception of pre-existing structures.
- Complete all reclamation within one year of the end of the operating plan.
- Refund of any reclamation bond is contingent upon the success of reclamation.

MONITORING

- The Forest Service will monitor and assess the progress of reclamation activities, including re-vegetation and erosion control, for a minimum of three years. Dependent on the success of the second phase of reclamation, additional seeding, weed treatment, or installation of erosion control structures may occur.

PUBLIC INVOLVEMENT

This action was listed as a proposal on the Pike and San Isabel National Forests, Cimarron and Comanche National Grasslands Schedule of Proposed Actions (SOPA) in August 2016 and updated periodically during the analysis. A scoping letter describing the details of the proposed action was sent to the public on April 27, 2018 with a 30 day comment period. No responses were received. Internal scoping among FS resource specialists was initiated on January 8, 2018, and responses are documented in the project record.

FINDINGS REQUIRED BY OTHER LAWS AND REGULATIONS

This decision is consistent with the Pike and San Isabel National Forests, Comanche and Cimarron National Grasslands Land and Resource Management Plan (the Forest Plan) as required by the National Forest Management Act. The actions in this project are in full compliance with the Forest Plan, Management Area Direction, including that contained under the various management prescriptions and the Forest-wide standards and guidelines (See Chapter II). Implementation of this decision will not violate any federal, state or local laws or requirements imposed for the protection of the environment, including: Clean Water Act, as amended; Clean Air Act, as amended; Endangered Species Act, as amended; American Antiquities Act; Historic Preservation Act; Executive Order 13186, Migratory Bird Treaty Act; Executive Order 12898, Environmental Justice..

ADMINISTRATIVE REVIEW (APPEAL) OPPORTUNITIES

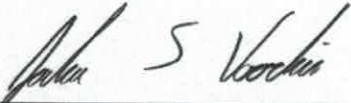
On February 7, 2014, the President signed into law the Agricultural Act of 2014, Public Law Number 113-79 (i.e. Farm Bill). Section 8006(a) of the 2014 Farm Bill repealed the Appeals Reform Act, Public Law Number 102-381, 106 Stat. 1419 (1992). Section 8006(b) directs that the pre-decisional objection process established in Section 428 of division E of the Consolidated Appropriation Act of 2012, Public Law Number 112-74, shall not be applicable to categorically excluded projects or activities. Therefore, this decision is not appealable.

IMPLEMENTATION DATE

Implementation will commence once the Plan of Operations is authorized. The Plan of Operations will be authorized for a five (5) year period, which will end December 31, 2023. If Jeff Schimel proposes a modification to the MPO, it is within the scope of the previously authorized MPO, and a sufficiency review of this analysis proves adequate, it may be authorized.

CONTACT

For additional information concerning this decision, contact: Amy Titterington, Geologist, South Park Ranger District, 320 Highway 285, Fairplay, CO 80440, Phone number 719-836-2031, or email amyjtitterington@fs.fed.us.



Joshua S. Voorhis
District Ranger

6/12/2018

Date

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