



United States
Department of
Agriculture

Forest
Service

Ouray
Ranger
District

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File Code: 2810

Date: July 13, 2012

RECEIVED

CHARLIE PONCHAK
CONSULTING GEOLOGIST
15292 6050 RD
MONTROSE, CO 81403

JUL 13 2012
GRAND JUNCTION FIELD OFFICE
DIVISION OF
RECLAMATION MINING & SAFETY

Dear Charlie,

I wanted to follow up with you regarding the drilling program at the Greyhound Mine in 2012. During a site visit with you and Jack Clark Jr. on June 22, 2012, Liz Mauch of my staff discussed the following topics:

- a. Plan of Operations: Reviewed the Plan of Operations approved in September, 2011 and noted the following changes:

Section IV (d) Equipment. The drillrig is mounted on an excavator track measuring 8.5 feet wide and 12 feet long.

Section V (c) Solid Waste. The portable toilet location will be determined during a site visit with Sani-Serve and may not be at the Greyhound Mine as originally proposed, but moved to a lower switchback for ease of servicing.

- b. Reminders: Equipment including lowboys should be power washed prior to travel on NFS land to avoid bringing noxious weed seeds onto the National Forest. Stormwater management controls shall be installed prior to drilling.
- c. Road Performance Bond: Since the project will be of the same scope as originally proposed in 2011, the \$10,000 performance bond for road maintenance, held as an Irrevocable Letter of Credit at The Citizens State Bank of Ouray, will suffice. (DRMS has collected an additional reclamation bond for drillhole reclamation).
- d. Stage 2 Fire Restrictions: are still in effect and all permittees are required to adhere to these restrictions. I have enclosed a copy of the letter sent to all permittees with those restrictions and information on how to apply for an exemption to restrictions if that will be necessary.
- e. Road maintenance: we drove the road and identified areas to install rolling dips and other areas to help get the water off the road surface. We also discussed how to create low maintenance, effective rolling dips. I have enclosed notes from a site inspection on June 20, 2012 with the Roads Manager, which discusses FS philosophy on road maintenance.

We received a copy of your report dated June 22, 2012 with photos documenting all the locations where road work was identified. Given that this year's proposed drilling activity



is limited to one or two holes in the project area, we are willing to limit the road work to those areas you identify in the report as follows:

Site 34: The lower draining adit –install a rolling dip diagonally across the road, widen the dip out to 10-12 feet (not a speed bump design), with the downhill side high enough to accommodate adit drainage plus a 10 year storm event.

Site 25: Middle adit: same comment as for Site 34.

Site 23: Upper adit: same comment as for Site 34, and build it wide enough to cover ground seepage too, to prevent water from running down the road.

Sites 4 and 5: Slough areas. As much as possible, do not dig deeper into the hillside. Work the loose material back onto the road surface which will also help to buttress the toe of slope. Outslope the road to promote drainage off the road and away from the slough area.

In addition for Site 2: when done drilling Hole 1, need to install drainage across the road during drillhole reclamation.

Road work for Sites 34, 25, 23, 4 and 5 should be done prior to mobilizing the drillrig in.

Please contact Liz Mauch at 240-5405 or lmauch@fs.fed.us of my staff at least 48 hours in advance of road work and prior to commencement of drillrig mobilization.

Sincerely,



TAMERA RANDALL-PARKER
District Ranger

Enclosures (2)

Cc: Dustin Czapla, DRMS
Jack Clark Jr.

Fire Restrictions 6/29/2012

Fire restrictions are in place on the following lands. Please review the specific order for detailed description of banned practices and activities that are allowed.

Location	Entity responsible for Order/Resolution	Order/Resolution #	Notes
NFS lands within the Grand Mesa, Uncompahgre and Gunnison National Forests	Forest Supervisor	GMUG NF Website	This order includes the entire GMUG National Forest-Stage II Fire Restrictions
NFS lands within the White River National Forest	Forest Supervisor	White River NF Website	This order is for entire White River National Forests-Stage II Restrictions
NFS lands within the San Juan National Forest	Forest Supervisor	San Juan NF Website	This order implements fire restrictions-Stages I and II on Forest
All of unincorporated Gunnison County.	Board of County Commissioners (BOCC) - Gunnison County	Gunnison County	This order includes all-ownership lands within Gunnison County.
All unincorporated Mesa County	Mesa County Sheriff /BOCC	Mesa County Sheriff's Website	This order includes all non-federal lands in Mesa County
Grand Junction and Colorado River Valley Field Offices for BLM		GJ-12-02 GJ-12-03 CRV-12-03	Stage II Fire Restrictions
Curecanti National Recreation Area	National Park Service	Fire Restrictions	
Colorado National Monument	National Park Service	Fire Restrictions	
BLM-Uncompahgre & Gunnison Field Offices	BLM-Lori Armstrong	12-06 12-07	Fire Prevention Order on public lands (BLM) in Gunnison County Stage II Fire Restrictions
Montrose County	County Commissioners	County Website	Excludes federal lands within Montrose County
Delta County Lands	County Commissioners	County Website	In effect
Ouray County Lands	County Commissioners	County Website	In effect
San Miguel County Lands	County Commissioners	County Website	In effect
Hinsdale County Lands	Sheriff	County Website	In effect

Saguache County Lands	Sheriff/BOCC	County Website	In effect
Garfield County Lands	Sheriff	County Website	In effect

Stage II Restricted activities may vary by agency/jurisdiction. Restrictions on the GMUG National Forests are:

Pursuant to 16 U.S.C. § 551 and 36 C.F.R. § 261.50 (a) and (b), the following acts are prohibited on all National Forest System lands, roads and trails within the Grand Mesa, Uncompahgre and Gunnison National Forest(s) located in Mesa, Delta, Montrose, Ouray, San Miguel, Hinsdale, Saguache, San Juan, Garfield and Gunnison Counties, State of Colorado ("the Restricted Area") and on all roads and trails located within the Restricted Area ("the Restricted Roads and Trails"). The Restricted Area is depicted on the attached map, hereby incorporated into this Order as Exhibit A. This Order is necessary to protect public health and safety.

PROHIBITIONS:

- 1) Building, maintaining, attending or using a fire, campfire, charcoal grill, coal, wood burning stove or sheepherder's stove, including in developed camping and picnic grounds. 36 CFR § 261.52(a)
EXCEPT: Devices using pressurized liquid or gas (stoves, grills or lanterns) that include shut-off valves are permitted when used in an area at least three feet or more from flammable material such as grasses or pine needles.
- 2) Smoking. 36 CFR § 261.52(c)
EXCEPT: Within an enclosed vehicle, trailer or building.
- 3) Welding or operating an acetylene or other torch with open flame. 36 CFR § 261.52(i)
- 4) Operating or using any internal combustion engine (e.g. chainsaw, generator, ATV) without a spark arresting device properly installed, maintained and in effective working order meeting either:
 - a) Department of Agriculture, Forest Service Standard 5100-1a; or
 - b) Appropriate Society of Automotive Engineers (SAE) recommended practice J335(b) and J350(a). 36 CFR § 261.52(j)
- 5) Operating a chainsaw without an approved spark arrestor, chemical pressurized fire extinguisher (8 oz. capacity by weight or larger and kept with the operator) and a round point shovel with an overall length of at least 35 inches readily available for use. 36 CFR § 261.52(h)
- 6) Using an explosive requiring fuse or blasting caps, fireworks, rockets, exploding targets and tracers or incendiary ammunition. 36 CFR § 261.52(b)
- 7) Possessing or using a motor vehicle off established roads, motorized trails or established parking areas, except when parking in an area devoid of vegetation within 10 feet of the vehicle. 36 C.F.R. § 261.56

EXEMPTIONS:

Pursuant to 36 CFR § 261.50(e), the following persons are exempt from specified Prohibitions of this order:

1. Persons with a Forest Service permit or contract may be eligible for an exemption from Prohibitions #1, #3, #4, #5 and #6. Any exemption must be applied for in writing, include an appropriate mitigation plan and must be authorized in writing by the appropriate Forest Service official. Your authorization must be in your possession when undertaking the exempted activities.
2. Any Federal, State or local officer or member of an organized rescue or firefighting force in the performance of an official duty is exempt from Prohibitions #1, #3, #4, #5, #6 and #7.
3. Residents, owners or lessees within the restricted area are exempt from #1, provided such fires are within a permanent dwelling and there is a spark arrestor in working order on the chimney.

Notice regarding Exemptions: Holders of valid permits, leases and authorizations are on notice that when proceeding with activities that are authorized pursuant to these Exemptions, such holders are responsible for conducting authorized activities in a safe and prudent manner using extra precautions and are electing to proceed at their own risk. An exemption does not absolve an individual or organization from liability or responsibility for damage, injury or loss to the United States for any fire started while undertaking the exempted activity.

Additional Sources of Information:

The following website may be useful for finding restrictions in the State. www.coemergency.com/p/fire-ban-info.html

GMUG Forest Orders are posted at: [GMUG Website](#)

Fire Restrictions: [Upper Colorado Interagency Fire Management Unit](#)

Fire Restrictions: [Montrose Interagency Fire Management Unit](#)

Greyhound Road Inspection with Bob McKeever June 20, 2012

Notes by Liz Mauch

Level 2 road standard is not for a smooth driving surface, but to manage the surface resources, namely, controlling water and reducing erosion.

Berms: FS does not endorse berms on roads. Berms channel water down the road and also prevent the road from drying out in low or flat areas. Better to work the material back into the roadbed, with 2 or more sweeps of the blade to sort the fines from the larger rocks. Larger rock can be sorted out and tossed from the road, or even placed along the roadside if needed for safety. **Remove berms as you can.**

Areas of sloughing hillside: As much as possible, do not dig deeper into the hillside. Work the loose material back onto the road surface which will also help to buttress the toe of the slope. Outslope the road to promote drainage off the road and away from the slough area. This will allow the road to dry out faster and also to help stabilize the hillside.

Rolling dip design: Should not look like a speed bump (i.e., narrow, perpendicular to the road). This design will not carry storm event water, require slower speeds, and tend to clog up with leaves, branches and sediment. Much better design: a wide swale, going diagonally across the road to mimic a natural drainage. Use material off the road surface, either above or below dip, to create a rise on the downhill side of the dip. Put rolling dips where water wants to flow; look for natural drainages, and outsloped dips on the road. Install dips above areas where the road is rutted to get the water off the road before rutting occurs. By having lots of rolling dips, the volume of water running on the road surface is reduced and results in less maintenance.

Specific recommendations:

First curve at the highway is difficult area. No place for water to go, and usually is wet. Road is outsloped and water runs along side of road down to Hwy 550. Continue with this maintenance and keep the road surface outsloped.

First adit drainage: Rolling dip as built is too narrow and needs to be diagonal to the road. Build it about 10-12' feet wide with the downhill side high enough to accommodate adit drainage plus a 10 year storm event.

Lower slough area in yellow rock material-see "sloughing hillside" information above.

Second adit on lower switchback—same comment as for first adit. Also, on the upper switchback, build it wide enough to capture ground seepage too.

About 300' ahead is natural dip, just need to accentuate it. Flagged in pink/black. Bring road material from below and above.

Flagged spots along road: Many of these spots had drainage installed in the past. Many just need to be cleaned out and remove the bermed material to re-establish drainage.

The road at the large slough area in the basin is insloped. Outslope the road and push it against the hillside to aid drainage and slope stability. Don't want a berm here, because it holds the water in and makes road surface and toe of slope wet, slick and prone to failure.

Items to cover Friday June 22, 2012:

Review Approved Plan of Operations including road mtce, seeding, stormwater management, advance notification, equipment list

Bond

Fire restrictions