



COLORADO

Division of Reclamation,
Mining and Safety

Department of Natural Resources

1313 Sherman Street, Room 215
Denver, CO 80203

RECEIVED

JAN 26 2016

GRAND JUNCTION FIELD OFFICE
DIVISION OF
RECLAMATION MINING & SAFETY

Date: 1/15/2015

M-2016-007

RE: Need for State Reclamation Permit: "Is It Mining?"

Name: Andrew Harley

Address: 1151 Evergreen Parkway City: Evergreen State: CO Zip Code: 80439

Telephone: (720) 840 - 4703 Cell: () - -

Email: andrewharley@ascensionsoil.com

Enclosed are pertinent sections of the Colorado Mined Land Reclamation Board (Board) Rules governing activities that do not require a reclamation permit. To determine if you need a permit for you proposed activity, first check Rule 1.2 which describes activities the Board has determined do not require state reclamation permits. If you find a match, you can proceed based on your interpretation of the rule, but at your own risk. If you are uncertain how the Rule may apply to your activity, you should answer the list of questions below with as much detail as possible. Please feel free to use additional paper, maps, and attachments to explain your project.

Please include in your determination request answers to the following questions:

1. Please provide the legal location of the proposed project and submit a site map that clearly delineates the location of the proposed extraction site and the location of the nearest city, town, and county location name.

Section 14; Township 43N; Range 17W; PM 23 County San Miguel

Or NAD27 GPS X UTM _____ Y UTM _____

Direction and miles to nearest town/city 72.5 miles south to Dolores; 30.5 miles north to Naturita.



Approximate location of proposed project area (black border shown by red arrow) in San Miguel County, Colorado



Detailed location of proposed project area (black border), Dissappointment Valley

2. Is the site of material extraction on public or privately owned property? Public owned property
3. What type(s) of material or metal is/are proposed to be extracted and describe the physical nature of the site i.e., river terrace, rocky knob, in-stream gravel deposit, etc.? Humic shale removed from outcropping approximate 30' Mancos Shale located on gently sloping (1%) valley floor dissected with dendritic drainage pattern.
4. What processing or extraction method(s) will be used on site? Include any equipment or chemical(s) that will be used in the processing and extraction of the materials. Using a hydrometallurgy stirred reactor, gold and silver will be extracted using a non-toxic leach solution that includes biochemistry beneficial for plant growth. Material will need to be submitted to evaluate the most suitable leach solution, but at this stage, it is likely a calcium thiosulphate. The gold and silver will be removed via a resin column. The remaining solid residue is subsequently blended with organic and microbial components to produce biomineral soil ammendment that will be sold. The liquid component will be recycled back into process.
5. Will the extracted material be hauled offsite or used on the same parcel of property where the material is extracted? Hauled offsite
6. How will the extracted material be used on site? N/A
7. If the material is hauled offsite, where will it be hauled to and what is the intended use? Gold and silver will be submitted to a refinery. The solid material will be transported to a agricultural products facility for packaging or sold directly to growers.



8. What is the approximate areal extent of the proposed extraction in acres? 10 acres
9. To what approximate depth will the extraction extend? Removal of a ridge approximately 30' feet high, graded to surrounding ground level.
10. In cubic yards, approximately how much material will be removed? 500,000
11. Will material extraction involve the use of explosives? No
12. Will site of extraction result in the exposure of tributary ground water? No
13. Will either the landowner or the mine site operator receive any type of compensation, i.e., monetary, in-kind, haulage fees, etc., from the proposed material extraction? Site operator will receive financial compensation for sale of metals and soil amendment products.
14. Please supply a copy of any documents that will ensure that the area of extraction will be reclaimed to some beneficial land use once extraction activities have been completed. Regraded area will be seeded in accordance with BLM specifications to return to pre-mining conditions.
15. Do you have permits for this activity from any other governmental agencies such as building, construction, or grading permits, and if so, what are they? All appropriate permits will be obtained from state and county as required.
16. Are there state/federal/local agency participants in terms of funding (yes)-(no), design (yes)-(no). What are the percentages? No
17. What *post mining* uses will be made of the site of extraction and why. (This question helps us determine the intent of the activity) Site will be returned to pre-mining conditions.
18. What types and sizes of equipment will be used in the extraction? Likely grader, dozer, excavator .

Please send the completed questionnaire to the Division at the address above for review. The Board has directed the Division to make a decision based on the information you have supplied. We trust that the activities will be performed as represented. If we receive a complaint, we are required by law to conduct an inspection of the site. Which could result in a violation, a cease and desist order, and other corrective actions including submittal of a permit application.

If you have any question, please contact Wally Erickson for Eastern Colorado sites at (303)866-3567, ext. 8176, or Russ Means for Western Colorado sites at (303)866-3567, ext. 8185. If you are unsure which area your project lies please feel free to contact either for further guidance and assistance. Please feel free to visit our web site at: www.mining.state.co.us for further access to the full Act and Rules governing extraction of metals, non-metals, and construction materials in the State of Colorado.

Sincerely,

Division of Reclamation, Mining and Safety Staff

Enclosure: Rule 1.2.1 for both Hard Rock Metal Mines and Construction Materials