

August 18, 2021

Dustin Czapla
Colorado Division of Reclamation, Mining and Safety
1313 Sherman Street, Room 215
Denver, CO 80203
303-866-3567

Delivered Via Email and Hard Copy

RE: In the Matter of the Box Creek Placer Mine, Permit No. M-2018-053, Technical Revision-02

Mr. Czapla:

Titan Au, Inc. would like to alter their revegetation plan at the Box Creek Placer Mine (M-2018-053) in accordance with section 3.1 Revegetation Flexibility on page E-3 of their approved permit which reads "Once Titan Au has found successful strategies for revegetation, it will submit a revision to this permit to allow the use of those strategies on the rest of the site as appropriate." Reclamation efforts during the 2020 and 2021 seasons have yielded high germination results through broadcast seeding and two-inch harrow site processing. Furthermore, initial attempts to disc the land, drill seed, and crimp mulch were ineffective due to the high rock content of the replaced overburden and will not be used for future on-site reclamation efforts. Please allow the text below, as Technical Revision 02, to replace the current Revegetation Plan.

Please note, a similar TR (TR-01) was filed in 2020 and was denied by the Division on February 22, 2021 due to delays in paying the technical revision request fee.

3. Revegetation Plan

For each area of reclamation, lands will not need to be disked to loosen the soil as all soils to be reclaimed will be recently filled topographic lows throughout the site that previously served as sediment settling ponds and deposits for sluice reject sediments that result in settled but unconsolidated soils as opposed to traditional hard packed reclaimed earth. Slopes will be backfilled, regraded, and retopsoiled as soon as they are able to be reclaimed. Heavy furrows at approximately ¾-inch depth will be left in topsoil to provide moisture concentration and shade areas to promote better conditions for successful vegetation establishment.

Seeding will take place during the spring or fall following retopsoiling of slopes. Seed will be broadcast seeded at least double the standard drill rate. Areas with fresh topsoil, placed directly from the adjacent mining area, may not require seeding as live volunteer rangeland seeds will be included in the topsoil. The seed mix listed below will be used to revegetate the site with a site-specific custom rangeland seed mix on all surfaces, as needed.

Species	Pure Seed %	Pounds of Pure Live Seed per Acre
Mountain Brome, Bromar	22.65	3.07
Green Needlegrass, Lodorm	17.42	2.36
Slender Wheatgrass, San Luis	15.58	2.11
Oats, Jerry	15.57	2.11
Bluebunch Wheatgrass, Secar	8.12	1.10
Medium Red Clover, VNS	4.16	0.56
Sheep Fescue, Quatro	3.92	0.53
Big Bluegrass, Sherman	3.82	0.52
Timothy, Climax	2.02	0.27
Birdsfoot Trefoil, Bull	1.99	0.27
White Dutch Clover, VNS	1.93	0.26
Prairie Junegrass, Blue Mtn	1.20	0.16
Total		13.3

Please do not hesitate to contact me if you have any questions.

Regards,



Katie Todt
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(303) 346-5196
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CC: Lance Baller (Titan Au, Inc.), Chris Townsend (Titan Au, Inc.), and John Meyer (Lewicki & Associates).



COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY

1313 Sherman Street, Room 215, Denver, Colorado 80203 ph(303) 866-3567

REQUEST FOR TECHNICAL REVISION (TR) COVER SHEET

File No.: M- _____ Site Name: _____

County _____ TR# _____ (DRMS Use only)

Permittee: _____

Operator (If Other than Permittee): _____

Permittee Representative: _____

Please provide a brief description of the proposed revision: _____

As defined by the Minerals Rules, a Technical Revision (TR) is: “a change in the permit or application which does not have more than a minor effect upon the approved or proposed Reclamation or Environmental Protection Plan.” The Division is charged with determining if the revision as submitted meets this definition. If the Division determines that the proposed revision is beyond the scope of a TR, the Division may require the submittal of a permit amendment to make the required or desired changes to the permit.

The request for a TR is not considered “filed for review” until the appropriate fee is received by the Division (as listed below by permit type). Please submit the appropriate fee with your request to expedite the review process. After the TR is submitted with the appropriate fee, the Division will determine if it is approvable within 30 days. If the Division requires additional information to approve a TR, you will be notified of specific deficiencies that will need to be addressed. If at the end of the 30 day review period there are still outstanding deficiencies, the Division must deny the TR unless the permittee requests additional time, in writing, to provide the required information.

There is no pre-defined format for the submittal of a TR; however, it is up to the permittee to provide sufficient information to the Division to approve the TR request, including updated mining and reclamation plan maps that accurately depict the changes proposed in the requested TR.

Required Fees for Technical Revision by Permit Type - Please mark the correct fee and submit it with your request for a Technical Revision.

<u>Permit Type</u>	<u>Required TR Fee</u>	<u>Submitted</u> (mark only one)
110c, 111, 112 construction materials, and 112 quarries	\$216	<input type="checkbox"/>
112 hard rock (not DMO)	\$175	<input type="checkbox"/>
110d, 112d(1, 2 or 3)	\$1006	<input type="checkbox"/>