



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- 1997-039 Site Name: Williams/Illinois Gravel Pit

County Jackson TR# _____ (DRMS Use only)

Permittee: High Country Hard Rock LLC

Operator (If Other than Permittee): _____

Permittee Representative: Joshua Sibson

Please provide a brief description of the proposed revision: Narrative changes to Exhibit D & E narrative pages to reflect current number of disturbed acres and reclaimed acres. Changes are highlighted on attached docs.

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.

Permit Type

110c, 111, 112 construction materials, and 112 quarries

112 hard rock (not DMO)

110d, 112d(1, 2 or 3)

Required TR Fee

\$216

\$175

\$1006

Submitted (mark only one)



Exhibit D
Mining Plan

Williams/Illinois Gravel Pit

The Williams/Illinois Gravel Pit was first entered in 1997 to provide material for Road Construction and General Construction as shown in permit # M-1997-039.

As indicated on the attached map and plans, it is purposed to continue the extraction of sand and gravel deposits moving south from the original pit to stage 1 through stage 6 then moving west and north in stages 7 through stage 14. From Stage 14 the mining operation will move in a northeast direction completing stage 15, then moving northwest through stage 16. From stage 16 mining will move northeast completing stage 17, then moving northwest into stage 18 from there into a northeast direction completing stage 19. From stage 19 through stage 23 mining will start in a westerly direction, then moving south into stage 24. From stage 24 operations will mine in an easterly direction through stage 26 then south through stage 27. From stage 27 mining will go west through stage 28 then south through stage 29, then east through stage 30, then south through stage 31, then west through stage 32, then south through stage 35. **The mining plan is to have an unlimited number of acres of land exposed at any given time. DRMS will be notified when new stages of the mine are entered into and financial warranty/bond for reclamation will be increased as recommended by DRMS as stages progress. Future topsoil and overburden materials when moving into "stage 1" of the 112 permit will be stockpiled in the mined out area of the pit for use at time of reclamation as the mining continues into the next stage.** The operator of the mining plan will identify and stabilize the topsoil and overburden piles with suitable vegetation recommended by the (NRCS) Natural Resource Conservation Service.

Sand and gravel deposits will be excavated to a maximum depth of 20 feet, utilizing dump trucks, excavators, dozers, scrapers, and frontend loaders. The side slopes of the mined out pit will be maintained at a minimum of 3:1 slope. **Operations and stockpiled materials will be the same as the original permit.** It is estimated that approximately 1000 to 100,000 cubic yards will be removed from the pit annually depending on demand.

Access to the pit is allowed through CDOT Permit No. 397051, date (04/29/97) through an existing entrance to the pit that has been in use since 1997. It is not anticipated that any other permanent road construction will be needed, but temporary roads will be created as necessary for mining operations and Howard's easement. A chained and locked gate will protect access to the pit.

During mining operations if skeleton remains are discovered on the proposed mining site, the sheriff or coroner will be notified. Attached is a culture resource survey done on BLM land immediately north of the proposed mining site, see attached Exhibit (D) (1).

The site will be kept clear of all trash and debris. All rubbish and debris will be disposed of at the Jackson County Transfer Station 1 mile north of Walden.

The operator of the mining permit will operate the site continuously in a workmanlike manner, having due regard for the safety of employees, and shall safeguard with fences, barriers, fills, covers or other effective devices where pits, cuts, and other excavations which otherwise would unduly imperil the life, safety or property of others. The next two stages will be marked with steel fence posts ahead of the current mining stage as mining progresses at the site.

Exhibit E
Reclamation Plan

Williams/Illinois Gravel Pit

The Pre-mining use of the Williams/Illinois Pit was Rangeland so the area will be returned to Rangeland during reclamation with the seeding plan recommended by the (NRCS) Natural Resource Conservation Service.

As stated in the Mining Plan (Exhibit D), the mining plan is to have an unlimited number of acres of land exposed at any given time. DRMS will be notified when new stages of the mine are entered into and financial warranty/bond for reclamation will be increased as recommended by DRMS as stages progress. Future topsoil and overburden materials when moving into "stage 1" of the 112 permit will be stockpiled in the mined out areas of the pit for use at time of reclamation as the mining continues into the next stage/s. Reclamation work of at least 5 acres will begin at an undesignated time/progression of mine stages. DRMS will be notified when reclamation of exposed acres has begun and updated of progression. When reclaiming, and prior to, the operator will strive to keep the area as level as possible so the storm water is evenly dispersed over the land being reclaimed.

This work will be accomplished with front-end loaders, dump trucks, excavators, graders, scrapers or dozers. Side slopes of the edge of the mined out pit area will be reclaimed at a minimum of 3:1 slope. During reclamation, topsoil will be spread at a minimum depth of 8 inches across the area being reclaimed. The existing access road into and through the pit will be modified but left for existing and future uses.

At the close of mining operations, any leftover stockpiles of topsoil or over burden will be spread across the pit to gradually blend into the pit area utilizing loaders, dump trucks, excavators, graders, scrapers and dozers.

Reseeding and planting will be accomplished at the time of year, and in a manner recommended by the (NRCS) as shown in Exhibit J of the new mining plan.

The operator of the mining plan has and will continue to work diligently to control invasive weeds by spraying annually or as deemed necessary in the entire permit area.