

**STATE OF
COLORADO**

Cazier - DNR, Tim <tim.cazier@state.co.us>

Mica White - M1992058

1 message

Carter, Stephanie <sscarter@blm.gov>
To: "Cazier - DNR, Tim" <tim.cazier@state.co.us>

Mon, Oct 28, 2013 at 8:26 AM

Hello Tim,

The Environmental Assessment for the Mica White Mine (new area for M1992058) has been completed and signed. We have notified the operator. Colorado Quarries can proceed with mining activity into the new area, with the following conditions:

MITIGATION MEASURES\MONITORING:Air Quality:

The mine operator has coordinated with the Colorado Department of Public Health and Environment to meet all state requirements for air quality and will follow the applicable regulations.

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Soils:

Minimum vegetative reclamation success must be achieved that equals pre-mining vegetative cover of desirable species within five years. In addition, post-mining soil movement must not exceed pre-mining conditions. If successful reclamation does not occur, additional action beyond what is proposed needs to occur to achieve a vegetative cover at least equal to the pre-mining condition. This may include importing topsoil, adding soil amendments, adding fertilizer, or other methods deemed appropriate.

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Water (Surface and Groundwater, Floodplains):

No stormwater controls have been identified as part of the Proposed Action; however a Stormwater Management Plan and permit will be required by the State before mining begins. The Stormwater Management Plan, at a minimum, needs to include sediment detention structures that are engineered to capture the runoff from 10 year SCSII 24 hour storm event and have an outlet with an engineered channel to convey the 100 year SCSII 24 hour storm event. The sediment detention structures shall be designed for all areas upstream from them including any undisturbed, un-mined areas. These structures would need to be maintained to retain their design capacity until final reclamation is complete. All water conveyance channels or modified portions of natural channels shall be engineered for the 100 year SCSII 24 hour storm event.

Invasive Plants:

Monitoring and treatment of noxious weeds on the Colorado State Noxious Weed list will occur every year during the life of the mine. Monitoring and treatment of noxious weeds on the Colorado State Noxious Weed list will occur for a period of five years at the end of the mine life. A and B list species from the Colorado State Noxious Weed list will be eradicated prior to bond release. Colorado Quarries

will be responsible for Monitoring and treatment of non-native species. Periodic monitoring will be done by BLM staff.

Migratory Birds:

To be in compliance with the Migratory Bird Treaty Act (MBTA) and the Memorandum of Understanding between BLM and USFWS required by Executive Order 13186, BLM must avoid actions, where possible, that result in a "take" of migratory birds. Generally this is a seasonal restriction that requires vegetation disturbance be avoided from May 15 thru July 15. This is the breeding and brood rearing season for most Colorado migratory birds. The clearing of vegetation during quarry operation will be completed outside these dates to prevent the "take" of migratory bird nests. However, if vegetation clearing is completed prior to the nesting season, quarry operation may occur during the restricted period.

An exception to this timing limitation will be granted if nesting surveys conducted no more than one week prior to surface-disturbing activities indicate no nesting within 30 meters (100 feet) of the area to be disturbed. Surveys shall be conducted by a qualified breeding bird surveyor between sunrise and 10:00 a.m. under favorable conditions. This provision does not apply to ongoing construction, drilling, or completion activities that are initiated prior to May 15 and continue into the 60-day period

Wastes, Hazardous or Solid:

Since this project involves some type of oil or fuel transfer and/or storage, an adequate spill kit is required to be onsite. The project proponent will be responsible for adhering to all applicable local, State and Federal regulations in the event of a spill, which includes following the proper notification procedures in BLM's Spill Contingency Plan.

Forest Management:

All trees over 5 inches in diameter shall be purchased from the BLM as fuelwood by the mining operator prior to any land clearing. The RGFO forester shall be notified 1 month in advance of any land clearing and after the mine boundary has been flagged or posted. The forester shall estimate the cords to be removed and issue the permit prior to any land clearing. The fuelwood shall be purchased by the operator at \$10/cord. Trees less than 5 inches diameter and slash from trees over 5 inches diameter shall be chipped and scattered on site or piled for future burning.

Let me know if you have any questions! Thanks!

Stephanie Carter, P.G.
Geologist

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