



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

August 16, 2021

Ms. Kimberly Dennis
Environmental Director
Aggregate Industries
1687 Cole Blvd, Suite 300
Golden, CO 80401

**RE: Adequacy Review No. 2; Technical Revision (TR-8); Hazeltine Mine,
Permit No. M-2004-031**

Dear Ms. Dennis,

On June 14, 2021, the Division of Reclamation, Mining and Safety (Division) received a request for Technical Revision (TR-8) to update the reclamation plan map to reflect the current infrastructure and piping of the Orr Drain construction at the Hazeltine Mine, Permit No. M-2004-031. Please be advised that on August 30, 2021, the application for TR-8 may be deemed inadequate and denied unless the following adequacy item is addressed to the Division's satisfaction. On August 15, 2021 the operator responded to the Division's Preliminary Adequacy Review dated June 15, 2021. After review of the responses the Division has an additional item that need to be addressed or clarified. Please respond to the adequacy item with a letter summarizing the response, to the numbered item below, in a cover letter titled "Adequacy Review No. 2 Response TR-8, M-2004-031".

1. The map provided in the response shows the current permit boundary to be +/- 204 acres, this is not the currently approved permit boundary. In October 2018 the Division approved the release request (AR-1) of 19 acres of the permit that were not affected by mining. Please see the attached map showing the location of the released area. The released area decreased the approved permit acreage to 184.9 acres. Please update the Reclamation Plan Map to show the currently approved permit boundary.

This concludes the Division's adequacy review no. 2 of your technical revision. The Division reserves the right to further supplement this document with additional adequacy items and/or details as necessary.

The decision date for your application is set for August 30, 2021. However, please allow the Division sufficient time to complete its review by submitting your response no later than three (3) working days prior to the decision date. If additional time is needed to respond, an extension request must be



received by our Office by the decision date. If on the decision date, outstanding adequacy items remain, and no extension request has been received, your revision may be denied.

If you need additional information or have any questions, please contact me at Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, by telephone at **303-866-3567 x8114**, or by email at patrick.lennberg@state.co.us.

Sincerely,



Patrick Lennberg
Environmental Protection Specialist

Attachment: Reclamation Plan Map showing AR-1 release area

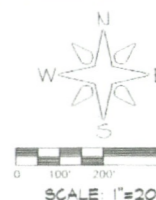
cc: Jared Ebert; Division of Reclamation, Mining & Safety

ec: Kimberly Dennis, Aggregate Industries, kimberly.dennis@lafargeholcim.com

Attachments

**HAZELTINE MINE
MLRB 112 PERMIT
RECLAMATION MAP**

A TRACT OF LAND LOCATED IN THE
SOUTH HALF OF SECTION 9,
TOWNSHIP 2 SOUTH, RANGE 67 WEST
OF THE 6TH P.M.,
COUNTY OF ADAMS, STATE OF COLORADO,
CONTAINING 204+/- ACRES



LEGEND

- PROPERTY BOUNDARY/PERMIT BOUNDARY
- SOIL CLASSIFICATION DELINEATION
- EXISTING WATER BODY
- EXISTING 2' CONTOURS
- EXISTING FENCE
- EXISTING TREES
- PROPOSED TREES
- EXISTING UTILITY POLE
- EXISTING ELECTRIC LINE
- EXISTING GAS LINE
- EXISTING WATER LINE
- EXISTING TELEPHONE LINE
- EXISTING SEWER LINE
- IDENTIFIES WETLANDS, EXISTING AND CREATED
- SLURRY WALL AND RESERVOIR ACCESS ROAD
- APPROXIMATE HIGH WATER LINE OF RECLAIMED PONDS

September 5, 2018
Acreage Reduction
(Partial Release)
Request

PROPOSED SEED MIXES

COMMON NAME	SCIENTIFIC NAME	VARIETY	% OF MIX	PLS APPLICATION RATE (lbs/acre)
Upland Areas				
Western wheatgrass	Pascopyrum smithii	Ambs, Barton	50%	4.8
Swathgrass	Panicum Virgatum	—	20%	0.2
Salsola grama	Bouteloua curtipendula	Vaughn/Butte	15%	1.35
Big bluestem	Andropogon gerardi	Kaw	15%	1.65
Blue grama	Bouteloua gracilis	Lovington/Hadria	10%	0.3
Indian Ricegrass	Achnatherum hymenodes	Kearney/Paloma	10%	1.0
TOTAL lbs/ac				10.00
Pond Areas				
Prairie Cordgrass	Sporobolus pectinatus	native	25%	4.0
Western wheatgrass	Pascopyrum smithii	Ambs, Barton	20%	3.2
Fowl bluegrass	Poa palustris	—	15%	2.4
Monogras	Algeria striata	—	10%	1.6
Alkali Sacaton	Sporobolus airoides	—	10%	1.6
American Sloughgrass	Pectanema sparganifera	—	10%	1.6
Blue vernal	Verbena hastata	—	5%	0.8
Marsh Sunflower	Helianthus nuttallii	—	5%	0.7
TOTAL lbs/ac				15.5

RECEIVED

SEP 12 2018

**DIVISION OF RECLAMATION
MINING AND SAFETY**

CERTIFICATION

THIS MAP WAS PREPARED BY TETRA TECH RMC, INC. IN COOPERATION WITH AGGREGATE INDUSTRIES-WOR, INC. AGGREGATE WILL KEEP THE DIVISION OF MINERALS AND GEOLOGY INFORMED OF ANY CHANGES TO THE MINING OR RECLAMATION PLANS THROUGH ANNUAL REPORTS AND FILE TECHNICAL REVISIONS AND AMENDMENT APPLICATIONS AS NECESSARY THROUGHOUT THE LIFE OF THE MINE.

Barbara Brubaker
BARBARA BRUBAKER
TETRA TECH RMC, INC.
DATE

NOTES

- AGGREGATE INDUSTRIES - WOR, INC. WILL INSTALL 50 NATIVE COTTONWOOD TREES TO ENHANCE RIVER CORRIDOR. THE TREES WILL BE PROTECTED WITH WIDE GASES (PER UDD-CD STORM DRAINAGE CRITERIA MANUAL) DUE TO BEAVER ACTIVITY.
- ALL FINAL SLOPES SHALL BE A MAXIMUM OF 3:1V. A MINIMUM OF 1' OF TOPSOIL SHALL BE PLACED ON ALL SLOPES AND ANY OTHER DISTURBED AND RECONSTRUCTED AREAS ABOVE THE PROPOSED HIGH WATER LEVEL OF THE FUTURE RESERVOIR.
- REFER TO THE "MLRB 112 EXISTING CONDITIONS MAP" FOR STRUCTURE OWNERSHIP, INCLUDING ADJACENT PROPERTY OWNERSHIP.
- REFER TO THE "MLRB 112 EXISTING CONDITIONS MAP" FOR BASEMAP, SURVEY AND BENCHMARK INFORMATION.
- REFER TO THE "MLRB 112 EXISTING CONDITIONS MAP" FOR FLOODWAY AND FLOODPLAIN INFORMATION.
- WETLAND INFORMATION IS FROM THE US ARMY CORPS OF ENGINEERS 404 PERMIT NUMBER 12270014.
- REVEGETATION WITHIN THE RELOCATED FULL SEEP DITCH WILL COMPLY WITH US ARMY CORPS OF ENGINEERS 404 PERMIT NUMBER 12270014.
- THE BOTTOM OF POND CONTOURS ARE BASED ON APPROXIMATE DEPTH TO BEDROCK OBTAINED FROM THE DRILL LOGS.
- UPON COMPLETION OF MINING, DITCH CROSSINGS WILL BE REMOVED AND DISTURBED AREAS WILL BE RESEED.

TYPICAL SECTION
NOT TO SCALE

