



Castle Aggregate

549 East Cucharas, Street Colorado Springs, CO 80903 Ph:719-491-0114

April 22, 2021

Colorado Division of Reclamation Mines and Safety
Attn: Tim Cazier
Room 215
1313 Sherman Street
Denver CO 80203

Re: Pikeview Quarry Permit No. M1977-211 Reclamation Completion Requirements

Dear Tim:

We are in receipt of your letter of April 15, 2021 regarding the reclamation at the Pikeview Quarry. As we have discussed by phone conversations, we have and continue to make substantial progress on the reclamation of the Pikeview Quarry and reclamation is proceeding at a pace consistent with the requirements of the permit.

- We have removed all plant and equipment from the site, a substantial project in itself. Note that this includes other plant and processing equipment brought to the site for sale purposes. The auction was completed early but many pieces were shipped later as the buyers arranged for trucking and delivery. As the largest and heaviest pieces were shipped, safety and the proper loadout were completed without incidents.
- To date, the local contractors have brought an additional 38,500 cys to the Pikeview site. Site Operators have inspected and maintained the materials in a proper fashion and this stock pile awaits final placement after earthwork begins.
- Access roads, as anticipated in the permit, have been constructed for drilling program and future use in the reclamation plan.
- The Leica Monitoring Program is functioning well. Consistent with the requirements of the permit, reports are being produced and delivered to the DRMS. All requested Prisms have been added and are functioning as part of the system. Hixon Company is also working to create a daily electronic imaging method to record the future progress each day. Continental Materials IT has created remote access for Stantec Design Engineers to access data at their Denver office.
- Drone Flights are being conducted each month to survey the quarry surface and monitor any changes.
- CTL and Stantec have completed a site geologic study to determine the quantities and varieties of soils to be used in the backfill operations. This included both an excavator exploration and a deeper drill exploration. Lab tests for soil type and properties, including Moisture Density Curves, have been completed for each type of soil encountered.
- Two Engineering firms are currently under an interview process to manage the construction and completion of the project under standard Engineering Designs Construction and Procurement format.

- Topsoil is being processed on the quarry floor to insure we have 63,000 cys of the growth medium at the start of earthworks. Consistent with the terms of the permit, the plan is to topsoil and revegetate in 100 vertical foot increments to shorten the duration of the project overall. This will also demonstrate the viability of the revegetation plan. To date 23,500 cys of topsoil are on site.
- Test beds of grass seeding are prepared for spring planting. The results will help chose the best seed mix and proportion of the growth medium for this reclamation.
- The culvert north of the slide area has been cleared of debris to reestablish the flow of runoff from the canyon west of the road.
- The Small pond that retained water near the top of the north peak has been drained.
- The contract with the city to sell the buffer property has been completed. As part of the sale the Regional Build permits for Grading and Storm Water Management have been submitted and are awaiting approval. It is our agreement that the city obtain the permits as the current landowner. Stantec and Castle Aggregates are locally supporting David Deitemeyer, Colorado Springs City Parks Architect, in this effort to secure these permits as soon as granted by the Regional authority.
- The shop and scale buildings have been emptied and are to remain as part of the sale to Colorado Springs Parks.
- Contractors have submitted conceptual estimates and are prepared to refine those estimates and schedules if chosen for a contractor's shortlist. (Tim: Please refer to the contractors list provided during the bond review.)
- Detailed construction designs and specifications that supplement contractor request for bid packages are being prepared. These details will supplement the requirements in the DRMS permit and will clarify the construction requirements for the contractors.
- The five-year schedule will be met with our current pace and plan. Once started, the earthwork will require 18-36 months to complete depending on weather and contractor chosen. By allowing the revegetation to start at the time the first 100 foot of fill is placed the slope will be completed in conjunction with the earthwork and not delayed until the completion of the slope. The remaining time is reserved for establishment of the vegetation. As we have presented, we are diligent in our approach to planting but still cannot predict the weather cycle once the site is planted and allowed to take an established root.

I thank you for your letter and I assure the DRMS we progressing consistent with the requirements of the permit. There is no reason to accelerate additional backfill operations in 30 days and of course additional permits and contracts would need to be in place prior to initiating additional earthwork. The Pikeview quarry continues to progress to a safe and stable resolution, consistent with the permit.

I look forward to the upcoming onsite inspection and continued cooperation to insure the Pikeview reclamation proceeds safely and as scheduled. A great deal of preparation work listed here has been done and continues to be done in front of the earthwork items to insure it will be done correctly.

Sincerely,

Jerald Schnabel, President
 Castle Aggregate
 Email: Jerald_schnabel@castleaggregate.com



STATE OF
COLORADO

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

Pikeview response to DRMS April 15 20201

1 message

Jerald Schnabel <Jerald_Schnabel@castleaggregate.com>
To: "Cazier - DNR, Tim" <tim.cazier@state.co.us>

Mon, Apr 26, 2021 at 1:16 PM

Dear Tim

Attached is my response to the the DRMS latter of April 15, 2021. Please review and let me know your thoughts.

Jerald Schnabel

Castle Aggregates

Phone 719-491-0114

Email: Jerald_schnabel@castleaggrgate.com



Pikeview response to DRMS April 15 20201.docx
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