

Technical Revision  
Pikeview Quarry  
M-1977-211  
Castle Concrete Company  
September 7, 2012  
Technical Revision 17

Submittal

TR-17

TAK

**PURPOSE OF REVISION:** This revision is sought to allow Castle Concrete Company to use up to 30,000 cubic yards of concrete for structural fill at the Pikeview Quarry.

**REASON FOR REVISION:** In June of 2012 a forest fire occurred in the Pike National Forest immediately west of the City of Colorado Springs. In early July the fire entered the City of Colorado Springs and 346 homes were destroyed. These homes were in close proximity to the Pikeview Quarry. The homes that were destroyed in the fire were built from 1988 through approximately 1992. As a business operating in close proximity to the homes, Castle Concrete is trying to be a good neighbor by reducing the demolition costs of the homes that were destroyed by minimizing the haul costs as well as the dumping fees at the local landfills.

I should be noted that the local landfills have raised their fees since the fire with regard to materials coming from the neighborhoods. Castle Concrete will not be charging any fees to the contractors or property owners to dispose of the concrete.

In the document, MINERAL RULES AND REGULATIONS OF THE COLORADO MINED LAND RECLAMATION BOARD FOR HARD ROCK, METAL, AND DESIGNATED MINING OPERATIONS, Section 3.1.5.9 states "An Operator may backfill structural fill material generated within the MLRB permitted area into an excavated pit within the permit area as provided for in the MLRB Permit. If an Operator intends to backfill inert structural fill generated outside of the approved permit area, it is the Operator's responsibility to provide the Office notice of any proposed backfill activity not identified in the approved Reclamation Plan. If the Office does not respond to the Operator's notice within thirty (30) days after receipt of such Notice by the Office, the Operator may proceed in accordance with the provisions of this Rule. The Operator shall maintain a Financial Warranty at all times adequate to cover the cost to stabilize and cover any exposed backfilled material. The Notice to the Office shall include but is not limited to:

- (a) a narrative that describes the approximate location of the proposed activity;
- (b) the approximate volume of inert material to be backfilled;
- (c) a signed affidavit certifying that the material is clean and inert, as defined in Rule 1.1(24);
- (d) the approximate dates the proposed activity will commence and end, however, such dates shall not be an enforceable condition;

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- (e) an explanation of how the backfilled site will result in a post-mining configuration that is compatible with the approved post-mining land use; and
- (f) a general engineering plan stating how the material will be placed and stabilized in a manner to avoid unacceptable settling and voids.

SCOPE OF THE WORK: Castle Concrete would allow homeowners and contractors to bring fully cured concrete that is at least 60 days old from the adjoining neighborhood to be used as backfill in the area known as "Area H", please see Exhibit 1, at the Pikeview Quarry. The material is comprised of residential concrete and City of Colorado Springs curb and gutter. The concrete would be stockpiled on the production floor until Castle Concrete places the concrete along the east wall of Area H. The reason Castle Concrete will place all concrete, is it will give the company a second opportunity to inspect the concrete before incorporating the material into the backfill.

The quantity would not exceed 30,000 cubic yards and an affidavit would accompany the material brought on site.

Castle Concrete would anticipate bringing material to the site as soon as the Technical Revision is approved and would be completed within 8 months.

As for the financial warranty, Castle Concrete currently maintains a bond on the pit. Castle Concrete would not have more than 1000 yards of material stockpiled prior to placement into Area H. If for some reason Castle did not incorporate the material into Area H and it had to be removed, a cost of \$10.00 per yard would cover the removal of the 1000 yards.

Castle Concrete will incorporate fines into the concrete rubble to help fill voids and aid in the compaction process thus minimizing settling. Material will be placed using heavy equipment normally found in the mining industry and standard construction practices will be followed to insure proper compaction.

The end use of the mine will not be affected by the introduction of the backfill as it will all be incorporated well below the finish grade of the proposed landscape.



Exhibit 1

Respectfully submitted,

M. L. "Mac" Shafer  
Vice President of Aggregates  
Castle Concrete Company

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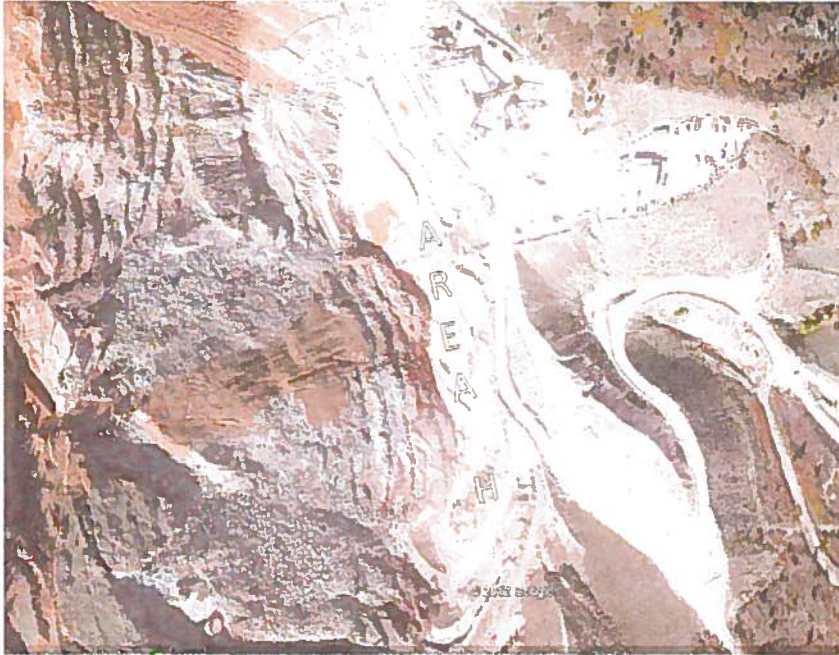


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M. L. "Mac" Shafer  
Vice President of Aggregates  
Castle Concrete Company

**Division of Reclamation, Mining, and Safety**

**Fee Receipt for M1977211**

Continental Materials Corporation dba Transil

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**Receipt #:** 13674

**Date:** 09/10/2012

**Permit:** M1977211

Payment Method	Revenue Code	Fee Description/Notes	Amount
Cash	4300-11	Minerals Technical Revision M-1977-211, CMB	\$216.00
Receipt Total:			\$216.00