

February 6, 2017

Mr. Gary Latsha  
Inspector Supervisor  
PA Department of Environmental Protection  
Pottsville District Mining Operations  
5 West Laurel Boulevard  
Pottsville, PA 17901

**SUBJECT: New Hope Crushed Stone Quarry  
January 2016 CAP Monthly Report  
Compliance Order No. 16-5-032-N  
Noncoal Permit No. 7974SM3  
Solebury Township, Bucks County  
EarthRes Project No. 011012.015**

Dear Mr. Latsha:

On behalf of New Hope Crushed Stone & Lime Company (NHCS), EarthRes Group, Inc. (EarthRes) is providing the monthly Corrective Action Plan (CAP) update in response to Compliance Order No. 16-5-032-N issued by the Department and dated August 26, 2016. This letter and attached table details activities completed by NHCS during the month of January 2017.

There were 21 working days in January and NHCS completed reclamation / restoration activities in accordance with the manpower requirements detailed in the Department's January 29, 2016 letter. Reclamation was completed over 16 work days; stream reclamation was not completed due to weather conditions. Rain and snow was observed on approximately 20 days throughout the month, with significant precipitation occurring on January 2<sup>nd</sup> (0.32 in.), 3<sup>rd</sup> (0.42 in.), 11<sup>th</sup> (0.63 in.), 17<sup>th</sup> (0.38 in.), 20<sup>th</sup> (0.21 in.), 23<sup>rd</sup> (0.97 in.) and the 24<sup>th</sup> (0.34 in.).

NHCS worked on most rain days moving reclamation fill to the east and north walls. Work was able to continue due to the short haul distance and stable ground conditions, which are much better in the eastern quarry area (i.e. stone on the ground and shallow bedrock). Due to wet conditions and safety considerations, fill placement over the wall was minimally completed. Additionally, the access road through the south pit and to the western wall is now inaccessible

due to pit flooding. Accordingly, effort was required to create a ramp on the east wall to regain access to the north and west walls. These conditions are shown on the attached photographs. The details of the work completed in January are provided in the attached table.

### **Conclusion**

NHCS completed significant work in January, but efforts were reduced due to precipitation due to winter weather conditions. NHCS is hopeful that upon resuming work in favorable weather conditions that make up reclamation volumes can be completed by the end of the 2<sup>nd</sup> quarter of 2016.

Work efforts on stream restoration and/or reclamation will continue in the coming months as scheduled, noting potential limitations due to weather, safety and other factors as indicated in the September 23, 2016 CAP and November 4, 2016 CAP update filed with the Department.

If you have any questions or need any additional information, please contact me at (215) 766-1211.

Sincerely,  
**EarthRes Group, Inc.**



Louis F. Vittorio, Jr., P.G.  
Vice President

Enclosure: January Reclamation and Restoration Efforts  
Site Photographs

cc: Ms. Christina Cursley, NHCS

**January 2017**  
**Reclamation and Restoration Work**

**Days Worked:**

Days working on Reclamation	16
Days working in Stream	
Inclement Weather	1
Loader For Repairs	1
Ramp on East Wall	<u>3</u>
Total Working Days January	21

**Hours Worked:**

Working days per month:	16
Number of employees	4
Hours allotted per day	<u>7</u>
Hours to be worked for reclamation days	448

**Dirt Moved:**

	<u>Yards</u>	<u>Tons</u>
Days working on Reclamation	16	
Cubic Yards per hour	200	300
Hours allotted per day	7	7
Required Yards/Tons to be moved	22,400	33,600
Actual Dirt moved by trucks	24,007	36,011
Reclamation Berm	<u>-</u>	<u>-</u>
Total moved	24,007	36,011
Make-Up Reclamation Completed	1,607	2,411
Truck loads moved		588

Actual hours worked on Rec 434

0

**Cumulative Stream Days**

	<u>Hours</u>	<u>Days</u>
Miscellaneous Repairs	-	-
Actual Stream Work	-	-



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