

March 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  
February 2017 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 February 2017.

There were 20 working days in February 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 8 work days; stream reclamation was not completed due to weather conditions. Rain and/or snow was observed on approximately 6 days (4 work days) throughout the month, with significant precipitation occurring on February 7<sup>th</sup> and 8<sup>th</sup> (0.28 in.), 9<sup>th</sup> (0.26 in.), 12<sup>th</sup> (0.18 in.), and the 25<sup>th</sup> (0.42 in.). Due to freeze/thaw and wet conditions, reclamation activities were precluded or limited on surrounding days and the efficiency of the work completed was reduced.

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. The work is necessary to ensure safe access and was completed on days surrounding precipitation, when working conditions for reclamation were unsuitable. The details of the work completed in February are provided in the attached table.

### **Conclusion**

NHCS completed work in February, but efforts were reduced due to precipitation and freeze/thaw wet 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. However, March conditions and progress will be critical to completion of the proposed catch-up work. NHCS indicated that February sick and time-off days were greater than usual and that they have three (3) less employees as March begins.

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: February Reclamation and Restoration Efforts

cc: Ms. Christina Cursley, NHCS

**February 2017**  
**Reclamation and Restoration Work**

**Days Worked:**

Days working on Reclamation	8
Days working in Stream	0
Inclement Weather	4
Loader For Repairs	0
Ramp on East Wall*	<u>8</u>
Total Working Days January	20

\* Days surrounding inclement weather

**Hours Worked:**

Working days per month:	8
Number of employees	4
Hours allotted per day	<u>7</u>

Hours to be worked for reclamation days 224

**Dirt Moved:**

	<u>Yards</u>	<u>Tons</u>
Days working on Reclamation	8	
Cubic Yards per hour	200	300
Hours allotted per day	7	7

Required Yards/Tons to be moved 11,200 16,800

Actual Dirt moved by trucks	7,043	10,565
Reclamation Berm	<u>-</u>	<u>-</u>

Total moved	7,043	10,565
Make-Up Reclamation Completed	(4,157)	(6,235)

Truck loads moved 186

**Cumulative Stream Days**

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

Actual hours worked on Rec 211  
 \* hours lost to sick / PTO