

June 5, 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  
May 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 May 2017.

There were 22 working days in May. Rain was observed on approximately 14 days (9 work days) throughout the month, with significant precipitation occurring on May 5<sup>th</sup> (0.99"), 13<sup>th</sup> (1.82"), 22<sup>nd</sup> (0.45"), 25<sup>th</sup> (1.3"), and between the 28<sup>th</sup> and 31<sup>st</sup> (0.68").

Reclamation was completed on the East and Southeast wall. Reclamation work included west wall access road construction and widening of the haul road for staging of reclamation fill. When possible, work was completed during inclement weather, and crews worked on separate reclamation projects, as indicated on the attached table. Stream reclamation was not completed in May due to the lack of current west wall access and wet weather conditions. However, stream construction meetings were held in May with the Department and NHCS' consultant and contractor to assure timely work startup when favorable weather conditions return.

## Conclusion

NHCS completed significant work towards reclamation in May as indicated on the attached table. 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.**

A handwritten signature in black ink, reading "Louis F. Vittorio, Jr.", enclosed in a thin black rectangular border.

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

Enclosure: May Reclamation and Restoration Efforts

cc: Ms. Christina Cursley, NHCS

**May 2017**  
**Reclamation and Restoration Work**

**Days Worked:**

Days working on Reclamation*	14
Days working in Stream**	1
Inclement Weather	4
Access Road Construction***	8
<b>Total Working Days</b>	<b>22</b>

\* Includes days with shortened hours due to rain  
 \*\* Field Planning meetings held with DEP, NHCS and Contractors  
 \*\*\* Days on/surrounding inclement weather

**Hours Worked:**

Working days per month*	22
Number of employees	4
Hours allotted per day	<u>7</u>
<b>Hours to be worked for reclamation days</b>	<b>616</b>

**Dirt Moved:**

	<u>Yards</u>	<u>Tons</u>
Days working on Reclamation	14	
Cubic Yards per hour	200	300
Hours allotted per day	7	7

Actual hours worked on Rec.\* 596

Required Yards/Tons to be moved 19,600 29,400

Actual Dirt moved by trucks	11,237	16,855
Reclamation Berm	<u>-</u>	<u>-</u>

Total moved 11,237 16,855

Make-Up Reclamation Completed

Truck loads moved 301

**Cumulative Stream Days**

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