

August 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  
July 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 the attached table details activities completed by NHCS during the month of July 2017.

There were 19 working days in July. Rain was observed on approximately 11 days (7 work days) throughout the month, with significant precipitation occurring on July 7<sup>th</sup> (0.57"), 13<sup>th</sup> (0.78"), 14<sup>th</sup> (0.62"), 17<sup>th</sup> (0.33) and 24<sup>th</sup> (2.86").

Reclamation work included trucking and placement of reclamation fill, berm pushover/grading, stream restoration, removal of the Hazemag, and well abandonment. NHCS' employees are working extra hours to complete reclamation. As indicated on the referenced sheet, NHCS man hours totaled 1,391 hours for the month which is over 3-times the required hours for reclamation work.

As such, total reclamation hours required for the month were met by the above listed reclamation activities and reclamation fill placement during the month counted towards and exceeded the required make-up volume.

When possible, work was completed during inclement weather, and crews worked on separate reclamation projects, as indicated on the attached table.

### **Conclusion**

NHCS completed significant work towards reclamation in July 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 rectangular box.

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

Enclosure: July Reclamation and Restoration Efforts

cc: Ms. Christina Cursley, NHCS

**July 2017**  
**Reclamation and Restoration Work**

**Days Worked:**

Days working on Reclamation	9
Days working in Stream	1
Inclement Weather	3
Well Abandonment	1
Hazemag	5
Total Days Working	16

**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
Actual hours worked*	1,391

**Dirt Moved:**

	<u>Yards</u>	<u>Tons</u>
Days working on Reclamation	9	
Cubic Yards per hour	200	300
Hours allotted per day	7	7
Required Yards/Tons to be moved	12,600	18,900
Actual Dirt moved by trucks	39,811	59,717
Reclamation Berm**	<u>14,716</u>	<u>22,074</u>

Total moved	54,527	81,791	Truck loads	1,103
Less 9 days reclamation required	12,600			
Less amount required in July 10 Order	18,722			
Total Amount Over required Makeup	23,205			

**\*\*The berm push total only goes through 7/13**