

POTTSVILLE DISTRICT OFFICE

July 12, 2018

New Hope Crushed Stone & Lime Company
Attn: Mr. Greg Rodrigo
P.O. Box 248
New Hope, PA 18938-0248

Re: New Hope Crushed Stone & Lime Company
Permit No. 7974SM3
Additional Requested Information to April 10, 2018 Submission
Solebury Township, Bucks County

Dear Mr. Rodrigo:

The Department has reviewed the additional information submitted by New Hope Crushed Stone & Lime Company (New Hope) on April 30, 2018, May 18, 2018, May 25, 2018 and May 30, 2018 as requested in the Department's April 26, 2018 letter. This additional information clarifies specific items and/or timeframes for completing the scope of work identified in your submission dated April 10, 2018. Therefore, the Department approves and/or requires the following specific items and timeframes for completing the reclamation tasks identified in your various submissions/letters:

- 1) The transformer, panel box and power lines shall be moved and fully functional by July 30, 2018 to the proposed location depicted on the map submitted by EarthRes on May 18, 2018. This shall also be considered the final transformer location, with no further moves necessary to complete final reclamation of the site.
- 2) The Department hereby approves the revised "Reclamation Update Map" submitted on May 18, 2018 which includes additional columns that specify: 1) the original volume, in cubic yards, of fill material required to complete reclamation to 100% as depicted in the "Staked Reclamation Areas;" 2) volume, in cubic yards, of fill material required to complete reclamation to 100% depicted in "Staked Reclamation Areas; 3) how that fill material will be placed, i.e., pushing/casting with dozer/excavator, blasting or a combination of both pushing and blasting; and 4) the Estimated Timeline Reclamation Completed date(s). In granting this approval the Department will require that the reclamation work remaining and identified on this map will be completed in accordance with the timeline noted and delineated on the "Reclamation Update Map."
- 3) On June 7, 2018 the Department issued an inspection report approving the blast plan/design submitted May 30, 2018 regarding reclamation of the East Wall using drilling and blasting techniques to achieve final reclamation grades of the slopes identified as Staked Reclamation Areas #18 through #23 on the "Reclamation Update Map." With drilling and blasting proposed for reclamation of the East Wall, New Hope shall delineate the Furlong Fault Line on the Updated Reclamation Map and the associated Cross Sections. In addition, New Hope shall explain that there will be no additional adverse hydrologic effects to the Furlong Fault from drilling and blasting at or near the Fault. This additional information shall be submitted to the Department by August 13, 2018. The Department requires that the drilling and blasting

to achieve reclamation of the East Wall shall be initiated by October 2018 and completed no later than March 2019 as stated in the response dated April 10, 2018 by EarthRes.

- 4) The Department agrees that approximately 36,000 cubic yards of fill material is required to complete the reclamation of slopes as stated in New Hope's submissions dated April 10, 2018 and May 25, 2018. Based on the documentation reviewed by the Department, the following areas shall be completed by the specified due dates stated in New Hope's May 25, 2018 submission: 1) North Wall: Areas (located on Reclamation Update Map) between Staked Reclamation Areas #9 and #12 & #12 and #19 appear to have been completed on or prior to June 30, 2018. The volume of material placed for reclamation and the final/existing slope grades in these areas will be verified as part of the survey referenced in Paragraph 5 below, 2) Southwest Wall: The area south of Staked Reclamation Area #1 and between Areas #1 and #2 shall be completed by July 31, 2018 and 3) Southeast Wall: The area south of Staked Reclamation Area #23 shall be completed by August 30, 2018.
- 5) Following completion of the scope of reclamation work outlined in Paragraph 4 above, New Hope shall conduct a survey to verify the volume of material placed for reclamation and the final/existing slope grades. The information obtained from the survey shall be submitted to the Department on or prior to September 30, 2018. The submittal of information obtained from the survey shall also be utilized to update the existing "Reclamation Update Map" submitted on May 18, 2018, and a copy of that updated map shall be submitted with the survey information.
- 6) New Hope shall utilize at least one employee conducting reclamation for 8 hours a day, and placing a minimum of 100 cubic yards per hour of backfill material to complete the reclamation of the slopes identified in Paragraph 4. This modifies the requirements of Item Nos. 2 & 3 of the Department's January 29, 2016 letter. However, with drilling and blasting to reclaim the East Wall and fill material staged to be pushed over the highwall at the locations outlined in Paragraph 4 above, a minimum of one employee, working 8 hours a day and placing a minimum of 100 cubic yards per hour of backfill material can complete the reclamation according to the timeframes specified in Paragraph 4 above and does not change or affect the final reclamation date of March 2019.
- 7) The inlet channel shall be stabilized and constructed in accordance with the approved Inlet Channel Plan, Profile and Detail, EarthRes Drawing E-001, dated April 15, 2016. The stabilization, repair and construction of the inlet shall be completed by August 30, 2018.
- 8) New Hope shall submit a Reclamation Status Report which depicts the reclamation work conducted for each month until the site is fully reclaimed. This monthly report shall contain at a minimum: Days available to work in the month, actual days worked, number of employees working on reclamation/stream work, reclamation hours worked, volumes of material moved for reclamation, stream work, etc. This report shall be submitted by the 5th of the month for each preceding month.
- 9) The Department's Inspection Report dated March 13, 2018 authorized New Hope to increase the pumping rate in excess of 500,000 gpd, however New Hope is only authorized to pump pit water to an elevation of -40' MSL which is 5 feet below the -35' MSL safety bench. The Department authorizes this elevation because it is readily visible, would maintain a safe

working area for pump/transformer relocation work and would also allow for at least two safety benches below the active highwall reclamation area as specified in Item No. 4 of the Department's January 29, 2016 letter. The Department reserves the right to modify pumping rates based on site conditions and other related issues.

Pursuant to the Department's January 29, 2016 letter, New Hope may formally propose an alternative work plan at any time upon Department approval. The approvals, and/or requirements noted in this letter that modify portions of the Department's January 29, 2016 letter shall take precedence. The remaining portions of the January 29, 2016 letter remain in full force and effect.

If you have any questions concerning this letter or any related matters, please contact me at 570.621.3118.

Sincerely,



Michael J. Menghini
District Mining Manager
Pottsville District Office

cc: John Stefanko
William Plassio
Glenn Florence
Nels Taber
Alicia Duke
Gary Latsha
Michael Kutney
Amiee Bollinger
Solebury Township
Solebury School
Primrose Creek Watershed Association
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