



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF MINING PROGRAMS

INSPECTION REPORT
NONCOAL

Date: 3/13/2018

Mine Name New Hope Quarry

Weather Overcast 40

Complete Partial

On Site Times 11:00 - 12:30

PERMITTEE New Hope Crushed Stone & Lime Co.	TOWNSHIP Solebury	COUNTY Bucks	PERMIT NO. 7974SM3
ADDRESS: PO Box 248 New Hope PA 18938-0248	VIOULATION HISTORY 0 NOV'S 2 CO'S	<input type="checkbox"/> VIOLATIONS NOTED PREVIOUS VIOLATIONS: <input type="checkbox"/> CORRECTED <input type="checkbox"/> UNCORRECTED	<input type="checkbox"/> FOLLOW-UP INSP. REQUIRED <input type="checkbox"/> COMPLIANCE ORDER <input type="checkbox"/> FTC ORDER <input type="checkbox"/> CEASE ORDER
GENERAL MINING INFORMATON: Large <input checked="" type="checkbox"/> Small 10,000 <input type="checkbox"/> 2,000 <input type="checkbox"/> GP 105 <input checked="" type="checkbox"/> GP 103 <input type="checkbox"/> Expiration Date: 8/10/2021			LICENSE NO. & EXP. DATE 1879 8/31/2018 OPERATIONAL STATUS Active
a. Areas-Minerals-Pit Dimensions (L/W/H)-Method: Limestone open pit- ~2550' x ~1100' x ~315'			
b. Equipment-Use & Conditions: crushing/screening plants; FELs; haul trucks; track excavators; backhoe; water truck- good condition			
c. Contract Miner: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Name:		d. Approved Blast Plan: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Is there blasting today? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Approved Acres		Approved Pit Volume	
Mining Area: 141 Support:		yd ³	
Disturbed not planted:		Current Pit Volume	
Affected acres		yd ³	
Mining Area: 141 Support:		Selective Grading of Highwall	
Disturbed not planted:		Approved: yd ³ Current:	
Highwall Bond (Blasting to achieve reclamation) Approved/Affected			
<20 ft.: ft. ft.		>20<30 ft. ft. ft.	
>30<40 ft. ft. ft.		>40<50 ft. ft. ft.	
>50 ft. ft. ft.			

PERFORMANCE STANDARDS NONCOAL

Obs.	STANDARD	PC or Reg.	Viol.	Comp. Date	Obs.	STANDARD	PC or Reg.	Viol.	Comp. Date
<input type="checkbox"/>	Unauthorized Mining		<input type="checkbox"/>		<input checked="" type="checkbox"/>	Air Resources Protection		<input type="checkbox"/>	
<input type="checkbox"/>	Mining License		<input type="checkbox"/>		<input checked="" type="checkbox"/>	Concurrent Reclamation		<input type="checkbox"/>	
<input checked="" type="checkbox"/>	Signs and Markers		<input type="checkbox"/>		<input checked="" type="checkbox"/>	Backfilling and Grading		<input type="checkbox"/>	
<input type="checkbox"/>	Topsoil-Rem/Storage/Handling		<input type="checkbox"/>		<input type="checkbox"/>	Revegetation		<input type="checkbox"/>	
<input type="checkbox"/>	Effluent Standard		<input type="checkbox"/>		<input checked="" type="checkbox"/>	Haul Roads		<input type="checkbox"/>	
<input type="checkbox"/>	Diversions and Conveyance		<input type="checkbox"/>		<input checked="" type="checkbox"/>	General Safety		<input type="checkbox"/>	
<input checked="" type="checkbox"/>	Sediment Control Measures		<input type="checkbox"/>		<input checked="" type="checkbox"/>	Permit Conditions		<input type="checkbox"/>	
<input type="checkbox"/>	Treatment Facilities		<input type="checkbox"/>		<input type="checkbox"/>	Temporary Mining Cessation		<input type="checkbox"/>	
<input checked="" type="checkbox"/>	Sedimentation Ponds		<input type="checkbox"/>		<input type="checkbox"/>	Distance Limitations-Barriers		<input type="checkbox"/>	
<input checked="" type="checkbox"/>	Discharge Structures		<input type="checkbox"/>		<input checked="" type="checkbox"/>	Bench Development		<input type="checkbox"/>	
<input type="checkbox"/>	Dams, Ponds-Design/Const./Maint.		<input type="checkbox"/>		<input checked="" type="checkbox"/>	Permit Line Setback		<input type="checkbox"/>	
<input type="checkbox"/>	Water Monitoring-Ground/Surface		<input type="checkbox"/>		<input type="checkbox"/>	Stability Analysis		<input type="checkbox"/>	
<input type="checkbox"/>	Water Discharge-Underground Mine		<input type="checkbox"/>		<input type="checkbox"/>	Blasting Requirement		<input type="checkbox"/>	

COMMENTS AND RECOMMENDATIONS: This partial inspection was conducted to review and further verify reported emergency conditions regarding the rising water level in the pit and New Hope Crushed Stone's (NHCS) request to increase pumping volumes, in excess of the approved 500,000 gpd, to keep the electrical panel and related infrastructure from being inundated. On Friday, March 2, 2018, NHCS notified the Department that due to recent rain and/or snow events, the rapidly rising water level in the pit was creating an emergency/safety situation, in that the electrical panel was in danger of being inundated. NHCS requested authorization from the Department to increase the pumping volume in excess of the approved 500,000 gpd limit specified in No. 4 of the Department's January 29, 2016 letter. Following the Department's review of the request to increase the pumping rate, which included photos of the panel box structure in water, the Department approved NHCS's request to increase the pumping rate in excess of 500,000 gpd. On March 8, 2018, the Department met with NHCS and their consultant to review the information required as part of the increased pumping approval and the completion of the remaining reclamation obligation of the site. As part of this March 8th meeting, the Department reiterated that NHCS is only authorized to pump the pit water to an elevation of -40MSL which is 5 feet below the -35MSL safety bench. If NHCS lowers the pit water below this elevation a violation will be issued. The Department authorized this elevation because it is readily visible, would maintain a safe working area for the pump related 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.

Person Contacted Ms Christina Cursley	Title General Manager	Discharge/Seeps: <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	Samples Collected: <input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Signature	Investigator Signature Gary A. Latsha	Range of Samples Collected	Collector ID No. 4525 Employee ID No. 502407

The Operator's signature acknowledges that he has read the report, including the reverse side, and that he was given the opportunity to discuss it with the investigator. The signature does not necessarily mean he agrees with the report.

White - District File

Yellow - Permittee

Pink - Inspector

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF MINING AND RECLAMATION


COMMENTS AND RECOMMENDATIONS

Mine Name New Hope QuarryDate 3/13/2018

PERMITTEE New Hope Crushed Stone & Lime Co.	TOWNSHIP Solebury	COUNTY Bucks	PERMIT NO. 7974SM3
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As of this inspection the pit water elevation appears to be approximately -30 MSL. New Hope is also advised that the only current approval to pump more than 500,000 gpd is related to the pump relocation work, and the earlier increased pumping request for reclamation related activities is still pending.

Compliance History:

Person Contacted Ms. Christina Cursley	Title General Manager	Discharge/Seeps <input type="checkbox"/> yes <input type="checkbox"/> no Samples Collected <input type="checkbox"/> yes <input type="checkbox"/> no Range of Samples Collected None
Signature To be mailed	Investigator Signature & I.D. No. 502407 	

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District File/Permittee/Inspector