

Date 4/10/18

## EXPLOSIVES INSPECTION REPORT

(TYPE: EXPLO)

<b>Name:</b> Hanson Aggregates, LLC.	<b>Municipality/Township:</b> East Rockhill Twp	<b>License/Permit</b>	<b>Program</b>	<b>Inspected Entity</b>	<b>ENF Type</b>	<b>IRC</b>
<b>Address:</b> 7660 Imperial Way Allentown, PA 18195-1040	<b>County:</b> Bucks	BAP				
	<b>Blaster's Name:</b> Anthony Bond	SMP 7974SM1	MIM	PF		NOVIO
<b>Telephone:</b> 610-366-4600	<b>Blasters License:</b> BL-9856	BL				
	<b>Weather:</b> partly cloudy	SP				
<b>Contract Blaster:</b> Maine Drilling & Blasting, Inc.	<b>Wind Direction:</b>	PP				
<b>Address:</b>	<b>Site Name:</b> Rockhill Quarry		<b>Longitude:</b>	<b>Permit Status:</b> active		
	<b>Complaint ID:</b>		<b>Latitude:</b>	<b>Inspection Result:</b> No violations were cited.		

**Remarks:** Onsite to conduct blast site inspection and seismic monitoring. This was the 7<sup>th</sup> blast conducted onsite this year and the 4<sup>th</sup> production blast. Blast was drilled with 5 1/2" dia. holes, 55' depths, 585 lbs. per delay and a scaled distance of 63.84. 5 seismographs were used to monitor this blast, the blasting contractor had 4 machines placed at dwellings, 3 had triggered and recorded the following: 2033 N Rockhill Rd, 2002', ppv=0.086 & dB=113.3 & 2028 N. Rockhill Rd., 2160', ppv=0.15 & dB=88 & 2105 N Rockhill Rd, 2260', ppv=0.005 & dB=100, the seismograph at 1470 Rockhill Rd. did not trigger. The Department had 1 seismographs placed at 2020 N Rockhill Rd 2220' and had no seismic trigger at the location over a ppv=0.05 & dB=125. This blast was conducted in compliance with their approved blasting plan & the Department's regulations. All seismic results were in compliance with the Department's structural damage criteria. Operator has been informed that all future blasts will require seismic monitoring only at 2033 N Rockhill Rd & 1470 W Rock Rd for all future production blasts for compliance purposes. With the current mining plan these two locations will always be one of the closest dwellings. No violations have been cited.

<b>Person contacted (please print)</b> Darren Landis -- Peirson	<b>Title</b> Safety	<b>Times-On-Site</b> _____ to _____	<b>Page 1 of 1</b>					
<b>Blasting Inspector</b> Ross Klock	<i>- Maled -</i>	<b>ID#</b>	4	9	4	6	7	4
<b>Accompanied By</b>		<b>ID#</b>						

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

- White - District File     
  Yellow - Operator     
  Pink - Blasting Insp.     
  Goldenrod - SMCI/Other

CC: A. Bollinger, SMCI  
 G. Lush, EGM