

Date 2/23/18

EXPLOSIVES INSPECTION REPORT

(TYPE: EXPLO)

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

Remarks: Onsite for the first blast to be conducted by Maine Drilling & Blasting for R.E. Peirson and to meet with East Rockhill Twp for a blast site review. I met with the blaster-in-charge (BIC) to so as to review the blast loading & time schedule. A review of all seismic locations were reviewed with the BIC and Mr. Bob Whitaker (also a blaster for Maine). Distances were determined by the Department conducting a GPS survey. Mr. Whitaker and myself went to the seismic locations which they were going to conduct seismic monitoring. Blasting contractor monitored four locations and the Department monitored at the pipeline and the water authority. The seismographs at the dwellings all triggered, the highest of the trigger levels recorded were ppv=0.0759 & dB=124.6. Trigger levels on all the seismographs were set at 0.05 ppv. The blast conducted on 2/23/18 consisted of 19 loaded holes, 5 1/2" dia., 44' - 46' depths, 483.44 lbs. per delay (1 hole per delay were used), shot loaded with cast boosters and a 80/20 emulsion blend, and a total lbs. explosives used 7,630.44. Scaled distance from the blast site to the closest non-owned dwelling was 75.07, which the RI-8507 worst case vibration prediction would be a ppv =0.32. Shot was loaded and detonated in a safe manner. Blast was loaded in compliance with the Department's regulations and current onsite blast requirements. Seismic monitoring was conducted in compliance with the Department's regulation and all results were in compliance with structural damage criteria. Upon completing this inspection, there does not appear to be any anomalies indicated. The operator has stated that the next blast will be boulder blasts, operator is required to conduct monitoring at 2033 & 2028 N. Rockhill Dr. Operator is required to notify the Department prior to the boulder blasts & the next production blasts. No violations were cited from result of this blast.

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

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. Ballinger, SMCI
 G. L. L., EGM