



A CRH COMPANY

FAX COVER SHEET

TILCON NEW YORK INC.
9 Entin Road
Parsippany, NJ 07054

TO: Ms. Iris Heredia

FROM: Andrew Pylypyshyn – Pompton Lakes Plant Manager

SUBJECT: Monthly Explosives Use Report

TELEPHONE: (973) 703-8124

DATE: 1/4/2024

TOTAL PAGES: 5 (Including Cover)

MESSAGE: Monthly explosives use report for Pompton Lakes Quarry

Month of December 2023

Monthly Explosives Use Report

NOTE: COMPLETE ALL APPLICABLE ENTRIES ON FRONT AND REVERSE SIDES OF THIS FORM. THE COMPLETED FORM IS TO BE MAILED TO THE OFFICE OF SAFETY COMPLIANCE WITHIN 10 DAYS AFTER THE END OF THE MONTH FOR WHICH THE REPORT IS DUE.

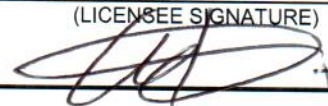
Name <u>Tilcon - Pompton Lakes Facility</u>	Phone No. <u>1-800-789-7625</u>
Street Address <u>Foot of Broad Street</u>	City <u>Pompton Lakes</u>
State <u>NJ</u>	Zip <u>07442</u>

MONTH AND YEAR OF REPORT December 2023	Explosives Lbs.	Detonator (Caps) No.	Gunpowder	Other
Beginning Actual Count Inventory First of Month	0	0		
Purchases During the Month	47040	189		
Total (Item 1 plus Item 2)	47040	189		
Blasting Summary	47040	189		
Miscellaneous Adjustments				
Month Ending Inventory on Hand by actual Count	0	0		
Name of Supplier :	DATE	INV. #		
Maurer and Scott	12/1/2023	75609	820	40
Maurer and Scott	12/8/2023	75695	46220	149

TOTAL NUMBER OF BLASTS - 2

Comments:

MAIL TO OFFICE OF PUBLIC SAFETY COMPLIANCE, PO BOX 386, TRENTON, NEW JERSEY 08625-0386
 PHONE: (609) 292-2096 FAX: (609) 777-4589

Tilcon - Pompton Lakes Facility
 (LICENSEE SIGNATURE)

 1/4/23
 1/4/24

EXPLOSIVES USED IN BLASTING

Shots	Date	Time	Site Location	Name of Blaster	Permit #	High Explo. Lbs.	Caps or Det.	Max. lbs. Per Delay	Nearest Structure (Feet)	Seismic PPV and Frequency			Seismic D B Level	Seismic Type (Bank Trench, I
										Trans.	Vert.	Long.		
SHOT	12/1/2023	10:00	Pompton Lakes	Kyle Boyer	6191	820	40	21	986	PPV: 0 HZ: 0	0	0	0	Trench
SHOT	12/8/2023	11:00	Pompton Lakes	Kyle Boyer	6191	46220	149	681	2184	PPV: .138 HZ: 35.7	.170	.1	106	Mass
SHOT										PPV: HZ:				
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TOTALS						47040	189							

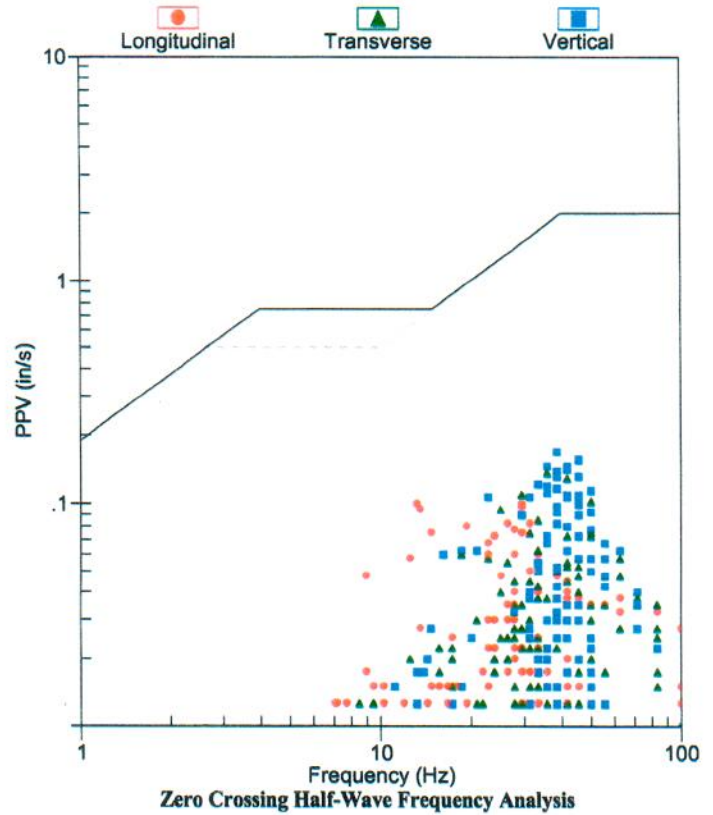
GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 5720 v3.85
Date: 12/08/2023 11:00:00
Event No: 65
Record Time: 5.0 s
Client: Tilcon
Operation: Pompton Lakes NJ
Location: 120 Federal Hill
Distance: 2184
Operator: C Flynn
Comment: Maurer & Scott
Seismic Trigger: 0.050 in/s
Sound Trigger: 120 db

USBM Safe Blasting Levels

SN: 5720 Event: 65



	Summary Data		
	L	T	V
PPV (in/s)	0.100	0.138	0.170
FREQ (Hz)	13.2	35.7	38.5
PD (.001")	0.99	0.97	0.87
PPA (g)	0.059	0.091	0.130
Peak Vector Sum :	0.195 in/s		
Peak Air Pressure:	106 db		
	0.00064 PSI @ 5.6 Hz		

Additional Info:

Shaketable Calibrated: 02/21/2023
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.100 s
Seismic Scale: +/- 0.320 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5720 Event: 65

