

**Tilcon New Jersey  
Pompton Lakes Quarry  
Quarterly Blast Data Summary  
3rd Quarter 2017**

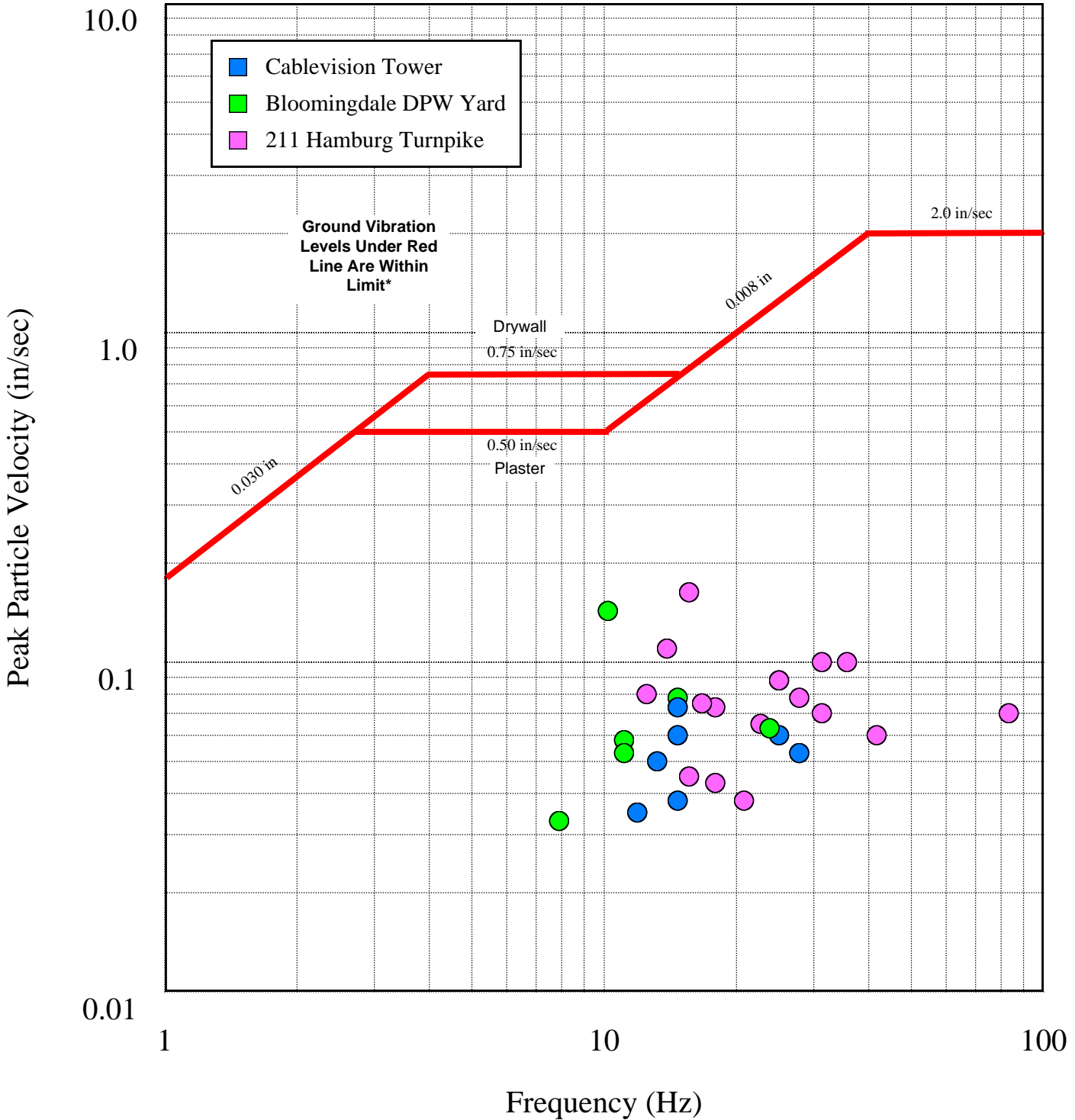
Date	Time	Recording Location	Within NJ Ground Vibration Limits*	Within NJ Air Overpressure Limits**
7/3/2017	11:00	211 Hamburg Turnpike	Yes	Yes
7/3/2017	11:00	Cablevision Tower	Yes	Yes
7/3/2017	11:00	Bloomingtondale DPW Yard	Yes	Yes
7/5/2017	12:00	211 Hamburg Turnpike	Yes	Yes
7/5/2017	12:00	Cablevision Tower	Yes	Yes
7/5/2017	12:00	Bloomingtondale DPW Yard	Yes	Yes
7/12/2017	11:59	211 Hamburg Turnpike	Yes	Yes
7/12/2017	11:59	Cablevision Tower	Yes	Yes
7/12/2017	11:59	Bloomingtondale DPW Yard	Yes	Yes
7/13/2017	11:00	211 Hamburg Turnpike	Yes	Yes
7/13/2017	11:00	Cablevision Tower	Yes	Yes
7/13/2017	11:00	Bloomingtondale DPW Yard	Yes	Yes
7/18/2017	11:15	211 Hamburg Turnpike	Yes	Yes
7/18/2017	11:15	Cablevision Tower	Yes	Yes
7/18/2017	11:15	Bloomingtondale DPW Yard	Yes	Yes
7/20/2017	11:00	211 Hamburg Turnpike	Yes	Yes
7/20/2017	11:00	Cablevision Tower	Yes	Yes
7/20/2017	11:00	Bloomingtondale DPW Yard	Yes	Yes
7/26/2017	13:30	211 Hamburg Turnpike	Yes	Yes
7/26/2017	13:30	Cablevision Tower	Yes	Yes
7/26/2017	13:30	Bloomingtondale DPW Yard	Yes	Yes
7/28/2017	12:30	211 Hamburg Turnpike	Yes	Yes
7/28/2017	12:30	Cablevision Tower	Yes	Yes
7/28/2017	12:30	Bloomingtondale DPW Yard	Yes	Yes
8/2/2017	13:05	211 Hamburg Turnpike	Yes	Yes
8/2/2017	13:05	Cablevision Tower	Yes	Yes
8/2/2017	13:05	Bloomingtondale DPW Yard	Yes	Yes
8/4/2017	10:59	211 Hamburg Turnpike	Yes	Yes
8/4/2017	10:59	Cablevision Tower	Yes	Yes
8/4/2017	10:59	Bloomingtondale DPW Yard	Yes	Yes
8/8/2017	11:00	211 Hamburg Turnpike	Yes	Yes
8/8/2017	11:00	Cablevision Tower	Yes	Yes
8/8/2017	11:00	Bloomingtondale DPW Yard	Yes	Yes
8/9/2017	11:00	211 Hamburg Turnpike	Yes	Yes
8/9/2017	11:00	Cablevision Tower	Yes	Yes
8/9/2017	11:00	Bloomingtondale DPW Yard	Yes	Yes

Date	Time	Recording Location	Within NJ Ground Vibration Limits*	Within NJ Air Overpressure Limits**
8/11/2017	13:30	211 Hamburg Turnpike	Yes	Yes
8/11/2017	13:30	Cablevision Tower	Yes	Yes
8/11/2017	13:30	Bloomingtondale DPW Yard	Yes	Yes
8/16/2017	12:30	211 Hamburg Turnpike	Yes	Yes
8/16/2017	12:30	Cablevision Tower	Yes	Yes
8/16/2017	12:30	Bloomingtondale DPW Yard	Yes	Yes
8/22/2017	12:30	211 Hamburg Turnpike	Yes	Yes
8/22/2017	12:30	Cablevision Tower	Yes	Yes
8/22/2017	12:30	Bloomingtondale DPW Yard	Yes	Yes
8/24/2017	11:30	211 Hamburg Turnpike	Yes	Yes
8/24/2017	11:30	Cablevision Tower	Yes	Yes
8/24/2017	11:30	Bloomingtondale DPW Yard	Yes	Yes
8/30/2017	12:00	211 Hamburg Turnpike	Yes	Yes
8/30/2017	12:00	Cablevision Tower	Yes	Yes
8/30/2017	12:00	Bloomingtondale DPW Yard	Yes	Yes
9/5/2017	10:59	211 Hamburg Turnpike	Yes	Yes
9/5/2017	10:59	Cablevision Tower	Yes	Yes
9/5/2017	10:59	Bloomingtondale DPW Yard	Yes	Yes
9/7/2017	11:00	211 Hamburg Turnpike	Yes	Yes
9/7/2017	11:00	Cablevision Tower	Yes	Yes
9/7/2017	11:00	Bloomingtondale DPW Yard	Yes	Yes
9/8/2017	14:30	211 Hamburg Turnpike	Yes	Yes
9/8/2017	14:30	Cablevision Tower	Yes	Yes
9/8/2017	14:30	Bloomingtondale DPW Yard	Yes	Yes
9/14/2017	11:59	211 Hamburg Turnpike	Yes	Yes
9/14/2017	11:59	Cablevision Tower	Yes	Yes
9/14/2017	11:59	Bloomingtondale DPW Yard	Yes	Yes
9/18/2017	12:00	211 Hamburg Turnpike	Yes	Yes
9/18/2017	12:00	Cablevision Tower	Yes	Yes
9/18/2017	12:00	Bloomingtondale DPW Yard	Yes	Yes
9/20/2017	13:00	211 Hamburg Turnpike	Yes	Yes
9/20/2017	13:00	Cablevision Tower	Yes	Yes
9/20/2017	13:00	Bloomingtondale DPW Yard	Yes	Yes
9/26/2017	11:00	211 Hamburg Turnpike	Yes	Yes
9/26/2017	11:00	Cablevision Tower	Yes	Yes
9/26/2017	11:00	Bloomingtondale DPW Yard	Yes	Yes

Date	Time	Recording Location	Within NJ Ground Vibration Limits*	Within NJ Air Overpressure Limits**
9/29/2017	11:00	211 Hamburg Turnpike	Yes	Yes
9/29/2017	11:00	Cablevision Tower	Yes	Yes
9/29/2017	11:00	Bloomingdale DPW Yard	yes	Yes
*State of New Jersey Administrative Code Title 12:190; Subchapter 7.26				
**State of New Jersey Administrative Code Title 12:190; Subchapter 7.25				

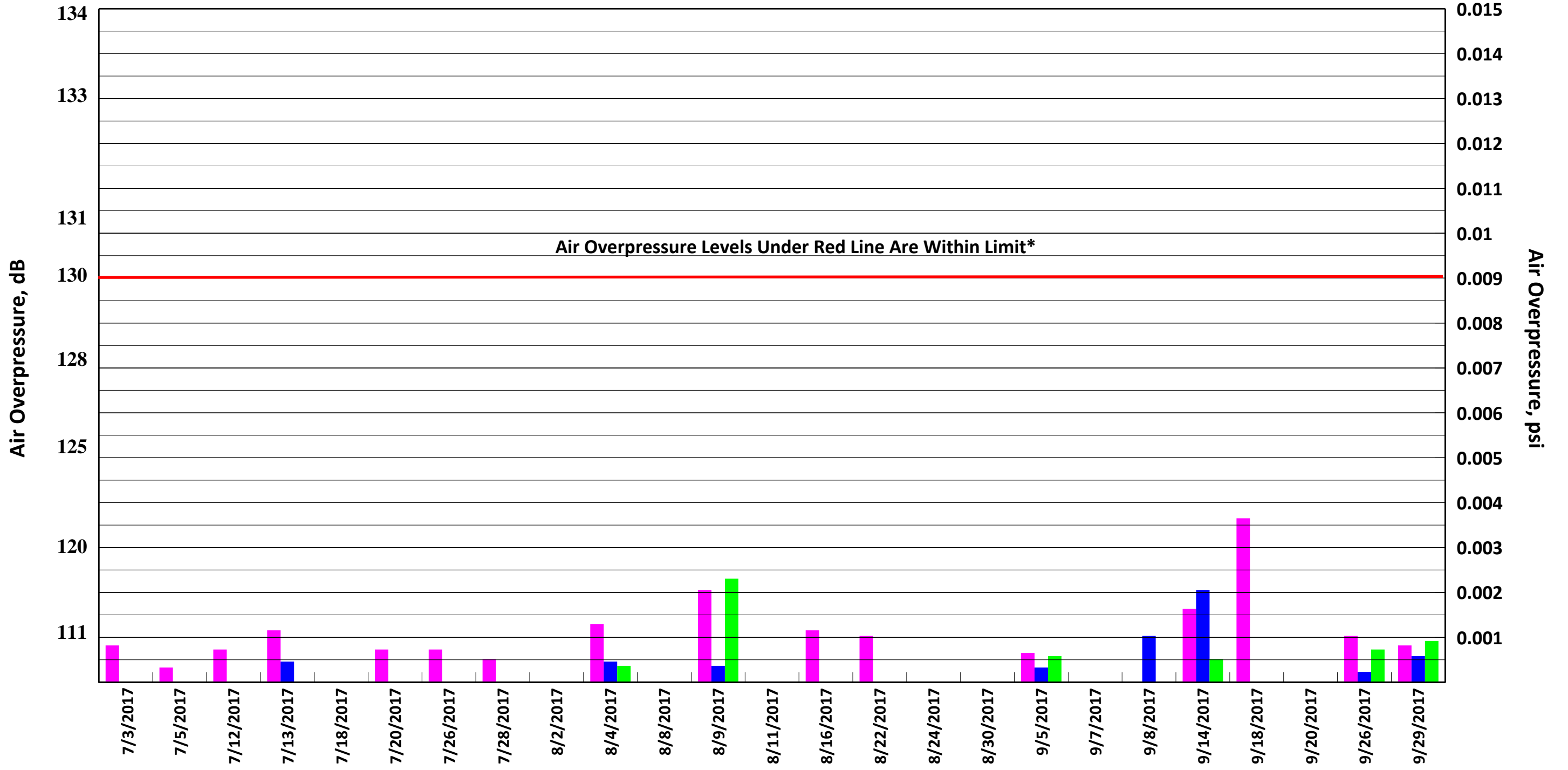
# Comparison of Measured Blast Vibrations to Current U.S. Bureau of Mines Recommendations

## Tilcon New Jersey Pompton Lakes Quarry 3rd Quarter 2017



\*As per State of New Jersey Administrative Code Title 12:190; Subchapter 7.26

# Air Overpressure Levels from Tilcon New Jersey - Pompton Lakes Quarry 3rd Quarter 2017



\*As per State of New Jersey Administrative Code Title 12.190; Subchapter 7.25

■ 211 Hamburg Turnpike   
 ■ Cablevision Tower   
 ■ Bloomingdale DPW Yard