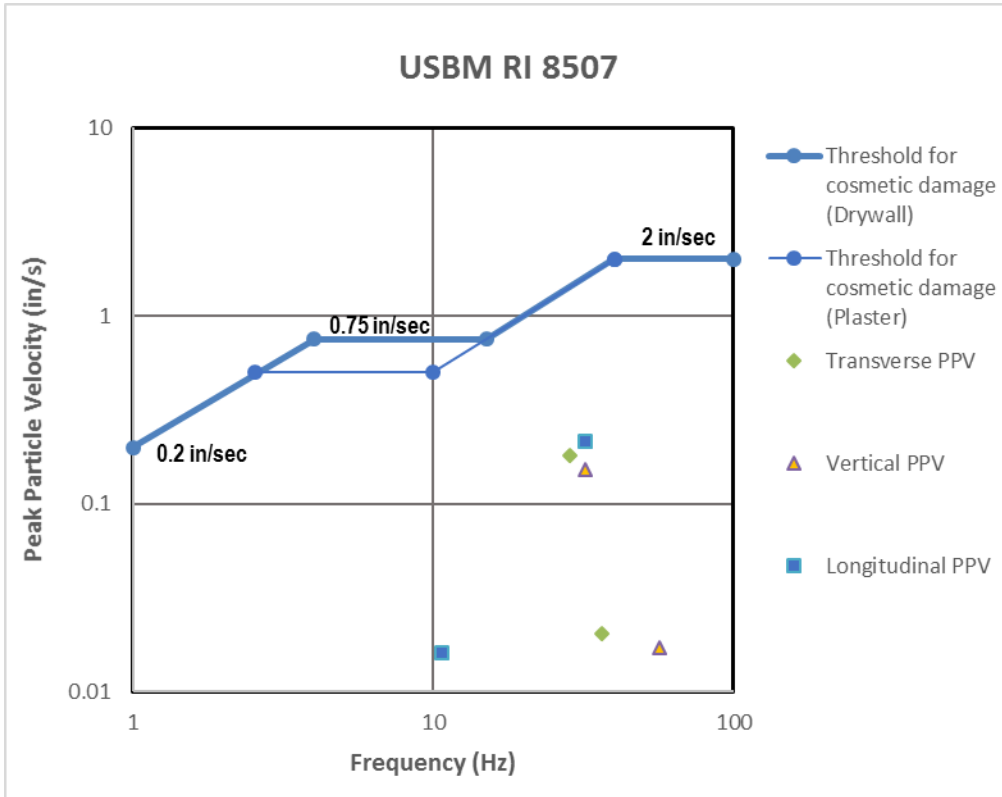


Week of August 19 to August 24, 2019

Vibration monitoring was performed near the shoring removal associated with Structure A9.

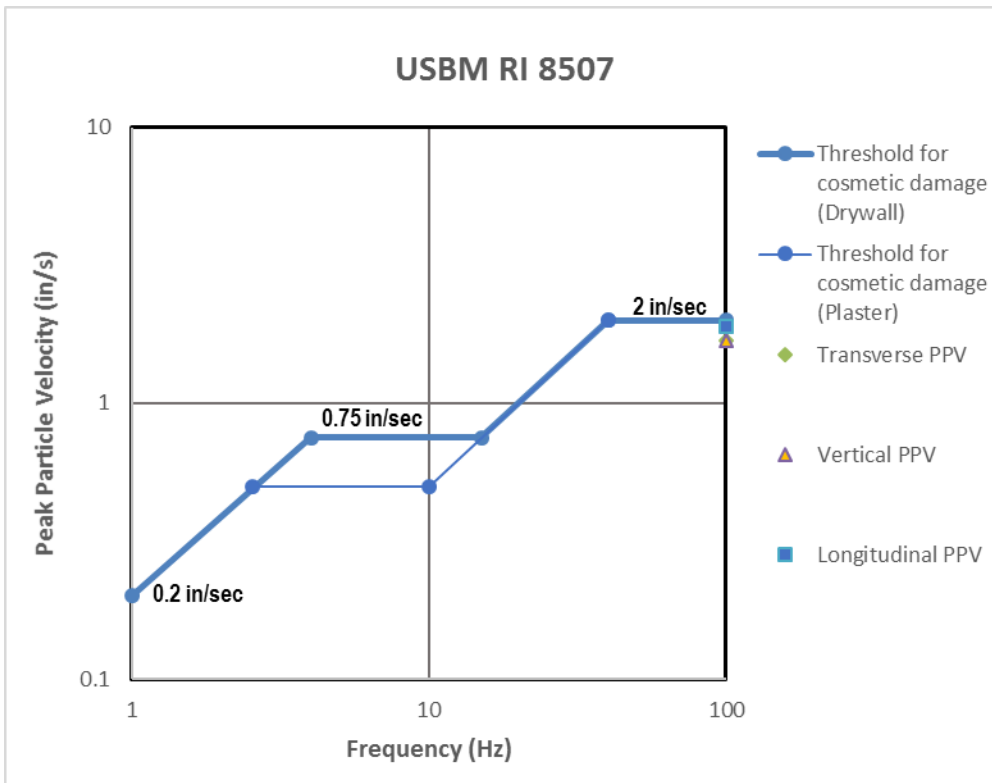
### Shoring Removal; Structure A9 (Zone 5 and 6)

Vibration Monitor UM13960:



Based on the data recorded in Zone 6, it appears that the threshold amplitude of ground vibrations generated from the construction activities did not exceed the levels set forth in the U.S. Bureau of Mines (USBM) recommendation (RI 8507 1980) that are capable of producing damage to plaster and drywall in residential structures for the dates and times recorded.

Vibration Monitor BM9242:



On August 23, 2019, at approximately 8:30am and 3:30pm, the threshold amplitude of ground vibrations generated from the construction activities exceeded the levels set forth in the U.S. Bureau of Mines (USBM) recommendation (RI 8507 1980) that are capable of producing damage to plaster and drywall in residential structures, as shown on the graph above. According to Mr. Marcus Layton with SEMA Construction, the exceedance at 8:30am occurred when a SEMA employee moved the monitor to a new location within Zone 6 without turning off the monitor. Mr. Layton also indicated that the exceedance at 3:30pm occurred when the sandbag weighing down the geophone was moved prior to turning the monitor off for the day.