

**Meeting Notes taken from BOE meeting held on Feb 8, prior to vote, from experts.**

<https://hcpsstv.new.swagit.com/videos/5479#>

**Mission Road (Scott Washington)**

- 2 ½ years into the project – school, park and water tower use
- 77 Acre, open by 2023, \$124 million
- Purchase of property, by county, includes cost of rough grading property.
- Elementary and High School – includes all fields and parking
- Environmental Phase I and II complete
- Air Ambient Test complete
- At request of BOE more testing. Structural Engineer to do further testing on blasting and another Company doing air test before, during and after the blast of air.

**Mission Road Testing**

- Panel of experts about all testing were present
- Data based strictly on sciences

**Blasting results (Timothy King: Vibration Tests - Outside Contractor hired by Howard County Government)**

- 1 or 2 blasts done a week.
- Currently 3 sites of monitoring done of all blasts.
- All tests show the blasting is well below the levels mandated.
- Standard is made for Amplitude and Frequency and are set at levels for building and school safety.
- Other quarries and sites – no specific information on any damage.
- Sizeable difference between level of changes – variability in blasting measured at multiple levels. They reviewed data for the last 2 years.
- They have conducted 2 blasts measurements, and plan to measure 2 more. Their results will be forwarded to HoCo Govt who will compile final report to BOE, before March 8th decision.
- BOE is also conducting their own tests and will confirm data all matches.
- Question: How long does a blast last? Maybe 2 seconds.
- Question: Any restrictions to on blasting times? Would need to have quarry confirm but regular blasting times are 10-2 during day.
- Question: Will the quarry notify school of schedule? Yes, that is made public to all in area.
- Question: Could the BOE be present for a blasting? Yes, there has been an open invitation for over a year to visit and tour the quarry. They are happy to have them visit.

**Air Quality Engineer (John Coon: EPA and Occupational OSHA)**

- Gravel that is being blasted – Fine and Course Particles, levels below
- Site blasting testing Air
- Silica and Asbestos – Well below OSHA limits
- Completed May 2017 – All acceptable results, State and Federal Limits
- Particle settling – site for school is up, not down from quarry.

## Soil Sampling (Vicky Pittman/Barbara Roper)

- July 2016- Phase I and II
- Investigated soil and waste – was from nuisance by littering
- No Risk Concerns
- Soil Mounds/Testing – was done by grids, 51 samples taken
- On 77 acres of land, there is a 5 feet by 5 feet patch of debris to be removed (could have been from simply changing oil in car).
- No areas have wide spread contamination.
- State Standards – follow Nationwide Standards. Tested for ages from newborns to adult, 26 year period. Highly protective through EPA.
- Primary testing to protect humans.
- Aerial & Topographical Studies done – reviewing of all property deeds since 1940, no presence of graveyards.
- No deep deposit of material dumping (had some nuisance dumping along driveway).
- Question: Anything to conclude carcinogenic risk, due to quarry? No elevated risk. (It is actually found all over, along roads, fire places, etc., quarry does not offer any more exposure.)
- Question: Concern of Hexavalent Chromium found in report (Erin Brockovich movie)? Not above concern – it is a naturally occurring. In the movie it was a rust suppressor used in compressor at plant and then into water holding pond that wasn't lined properly, it isn't oil going into the water, it is the byproduct of the rust suppressors.  
FINAL RESULT – The samples found were 100 times below any concern and were in debris to be removed.
- Question: Is there a concern of medical complaints in community, surrounding the quarry? This is not something that can be measured.