

Mountain View Corridor Air Working Group
Meeting Minutes
January 13, 2014

Attendees

- Reed Soper - former UDOT (MVC EIS)
- Kathy Van Dame - Wasatch Clean Air Coalition
- Michelle Hofmann - MD, Faculty at U of U, Breathe Utah, co-chair of CAAT (Clean Air Action Team)
- Bo Call - Air Monitoring Section Manager, Division of Air Quality
- Cameron Cova - Breathe Utah
- Linda Hansen - PTA
- Andy Neff - Langdon Group (facilitator)
- Jennifer Tays - Langdon Group (co-facilitator)

Meeting Minutes

- Administrative Items
 - 12/18/13 meeting minutes
 - Accepted with changes from Paul
- School board
 - Dr. Gourley has retired
 - Linda will set up meeting with Granite Superintendent when AWG decides when they want to meet
 - School board is likely not currently aware that study is going on
 - Cannot proceed with mitigation in schools until we have approval from schools
 - Want to present what we know to the school board
 - They will probably want suggested next steps
 - To have Sonoma come and present, there would need to be a negotiation with Sonoma and then a contract mod. through UDOT
 - Linda will let the superintendent know that AWG would like to do additional study before making recommendations
- Next Steps
 - Want to do additional monitoring
 - Not sure if filtration will have the desired effect on internal air quality
 - Want to be sure that if we are spending the money, it is having a significant reduction on the particles that cause the most health detriment
 - We don't know that there will be a problem by the time the road is put in (could be changes in emissions)
 - Does the money have to be spent now?
 - Don't want to wait until we already have a problem to act
 - Limited by the fact that this money was set aside in the EIS for mitigation at these specific schools

- Are options like tennis bubbles or air masks practical?
 - Tennis bubble is \$300,000 for one tennis court
- Construction on Hunter High would need to happen this summer to have it done before construction on MVC begins
- Mitigate at elementary over high school because lungs are still developing and they spend more time there
 - Distance from roadway is most important factor because even without inversions or seasons, if they are too near the roadway they will be negatively impacted
- Monitoring
 - Who do we want to do monitoring?
 - Sonoma will require contract mod.
 - Could we get people at university to monitor and/or use state equipment?
 - How long
 - Just winter?
 - All four seasons?
 - Must be done while school is in session
 - Not significantly more expensive to monitor for a whole year vs. a few months because of set-up costs
 - Hawthorne (already a standard monitoring station)
 - Could it be used to get representative data for indoors and outdoors?
- Next meeting
 - Sonoma on track to deliver DRAFT report by end of January
 - AWG conference call scheduled for Feb. 24 to review report and provide final feedback to Sonoma
 - Group would like to touch base before Feb. 24

Action Items

- Linda to check in with superintendent re: meeting with school board
 - What the AWG has been doing
 - Want to do an indoor/outdoor study before making recommendations or a presentation
- Reed to coordinate with Joe Kammerer regarding UDOT MVC fund use/options/contracting
 - Can excess mitigation budget be transferred to cover additional monitoring needs?
 - Can excess budget be used to provide mitigation at other schools outside the five identified in the ROD?
 - Need to clarify process for funds transfer from UDOT to School District
 - How to fast-track contracting with Sonoma for additional needs (i.e., monitoring, presentation, etc.)
- Andy and Bo to ask Paul what type of monitoring we would need to do to get representative Utah data and best approach moving forward
 - There was consensus amongst the group that additional monitoring data is needed prior to making a recommendation to the Granite School Board – more specifically that it's

essential to demonstrate a relationship between indoor/outdoor air quality data and that improved filtration will provide a health benefit.

- Following the AWG call, Andy and Bo followed up with Paul Roberts of Sonoma to clarify the best approach for monitoring. Paul clarified from his near-roadway research that black carbon emitted by vehicles is the primary contributor to negative health effects. Sonoma's previous monitoring on the MVC has measured black carbon levels and Paul believes its mitigation is the key to success.
- Moving forward, it was concluded the best approach is to have Sonoma monitor existing indoor black carbon levels at one school within the MVC study area to serve as a representative sample for the others. The AWG may also decide to monitor PM2.5 simultaneously to supplement the results. Sonoma is in process of compiling a bid to complete the monitoring and will submit that ASAP to the AWG for review.
- If the group agrees to proceed with the monitoring, Paul recommends the equipment be in place by no later than March 1st to obtain relevant data over at least a month's period. This would also necessitate quick turn-around of a UDOT contract mod. for Sonoma to complete the monitoring and coordination with the selected school to install the equipment.

*To account for differing HVAC systems, the AWG ultimately decided to proceed with indoor/outdoor Black Carbon (BC), CO2 and meteorological monitoring for 4 months at Hunter High, Hunter Jr. High, Hillside Elementary and Whittier Elementary (excluding West Valley Elementary as its HVAC system is very similar to Whittier Elementary and monitoring at both could produce redundant results) and indoor/outdoor PM2.5 monitoring at Whittier Elementary (due to its students with special health care needs) for 4 months.