Mountain View Corridor Air Working Group
Meeting Minutes
April 13, 2015

Attendees:
- Reed Soper – UDOT Mountain View Corridor Project Team
- Cameron Cova – Breathe Utah
- Kathy Van Dame – Wasatch Clean Air Coalition
- Lee Logston – Planner, West Valley City
- Bo Call – Air Monitoring Section Manager, Division of Air Quality
- Linda Hansen – PTA
- Paul Roberts – Sonoma Technology, Inc.
- Andy Neff – Langdon Group (facilitator)
- Madison Sehlke – Langdon Group (co-facilitator)

Minutes:
- Approval of 3/16/15 AWG Meeting Minutes
  - Meeting minutes were approved for posting to the AWG webpage.

- Granite School District (GSD) Portable Classroom & Contracting Update
  - Sonoma portables contract modification is still being processed by UDOT. Sonoma has done prep. work in anticipation of a Notice to Proceed soon.
  - Kathy would like to pass along eventual design criteria and recommendations for the portables filtration system to technical schools.
  - GSD appears to be moving forward with portable classroom relocations.
  - AWG is reluctant to fund filtration of older classrooms. There is currently no agreement to do so. Linda met with Hunter High School's Community Council before they made the decision to move 9th graders to Hunter High. They asked if the AWG effort could filter the portables needed and Linda told them preliminary investigations showed that it probably would not be feasible.
  - Linda noted that portables at Hunter Jr. High are further away from the MVC corridor. To her knowledge, there will be no newly constructed portables relocated to Hunter High. Linda and Kathy agreed it may not be financially prudent to use AWG funds to upgrade portables over 30 years old.
  - Paul has yet to receive information from GSD regarding predicted life expectancies for the portables. To Linda’s knowledge, some of Hunter Jr. High’s portables are fairly new that will be relocated to Hunter High. Paul checked them in Feb. 2015 and still noted higher CO2 levels (running about 2,000 ppm – 3,000 ppm which is above the recommended 1,000 ppm). Linda will pass this along to the GSD superintendent and Paul will include the data in the report.
  - Andy met with Don Adams in March. Don’s assessment is that portable retrofits should be a fairly straight-forward process with installation of exterior wall mounts.
  - Paul noted the installation process should be straight-forward with cuts and wall mounts, unless there is asbestos in the walls. He recommended not filtering schools with asbestos issues.
Bo noted that most schools should have documentation in place for asbestos abatement. According to code, GSD cannot move portables if asbestos is found. These rules were instigated in the 1970’s and 80’s. The DAQ (Bob Ford’s shop) conducts inspections for AQ compliance.

Paul noted he had received a partial report from GSD indicating half of them are certified asbestos-free. It needs to be noted in the cooperative agreement that asbestos certification is required before any filtration is done and then how much the AWG is willing to spend if asbestos is found.

Screening criteria should include asbestos certification and age of the unit.

Kathy suggested making filtration recommendations for only portables with proper asbestos certification. Prior to installation, the AWG will need recommendations from Sonoma and the Cooperative Agreement between GSD and UDOT.

- **DRAFT Cooperative Agreement**
  - The group discussed the level of specificity, whether engineering or performance specs should be used and if the agreement should outline specific equipment instructions or be more outcome-based.
  - Reed noted that prescriptive engineering specs can be more specific, with the anticipation of certain outcomes, and provide the AWG more opportunity for oversight of GSD’s work.
  - UDOT prefers engineering over performance specs and the AWG feels more comfortable using engineering specs as that’s what’s outlined in the report.
  - Performance specs allow for engineering creativity to arrive at a designated outcome but also require follow-up testing and performance standards.
  - Bo noted an advantage of performance specs is that they can incentivize contractors.
  - Paul likes how the introductory paragraph of Section 2.5 (Hunter High) of the agreement is written, with provisions for filter efficiency (filter age and capacity or how much they can hold). He recommended adding a similar intro paragraph for Section 2.4 (Hunter Junior High School), also noting that a consultant will be hired to do an independent evaluation.
  - Paul suggested adding language regarding how often motors and fans should be changed, who will oversee the consultant and a new paragraph between sections 5 and 6 noting hire of an independent consultant, GSD cooperation with filtration testing and update of anticipated costs for Jerry’s role.
  - Reed is fine with the changes but needs help with the wording. Paul and Cameron will forward their suggested language to Reed.
  - Bo suggested hiring a local engineering consultant to evaluate filter efficiency over the course of the contract. A local firm could save time and money, bring a local presence to the process and having three separate parties adds validity to the work.
  - The group discussed how to disseminate funds over the next 30 years. Does the group provide it to GSD as a lump sum or incrementally?
    - Reed noted dispensing funds to GSD annually could be a challenge.
    - Reed noted UDOT may prefer to transfer funds directly to GSD. UDOT incurs administrative costs for each transaction so minimizing those costs is preferable. AWG turn-over is also a consideration. Reed will coordinate with UDOT on its flexibility with contracting provisions.
    - Bo noted GSD may prefer to receive all funding up-front or in larger increments as it would facilitate the opportunity to buy filters, parts and services in bulk.
Reed noted if GSD doesn’t follow the contract, which is a legally binding document, they are at risk of having to return the money UDOT.

Bo suggested it be noted in Section 5 that GSD will submit an annual report to the AWG.

Cameron asked Paul if there are any parallels that can be drawn from the Las Vegas study. Are there any lessons learned from the agreement that could help with the AWG’s efforts? Paul said the Vegas study did not disperse maintenance funds to the school district. The ongoing maintenance funding is unique to the MVC AWG and he thinks that’s a good thing.

- Paul will forward a copy of the Vegas agreement with the school district to the AWG to review and use as a resource.
- Bo asked if school buildings are demolished, remodeled or added onto within 30 years, how would that affect filtration?

Moving forward, Reed will incorporate proposed changes into the agreement and send it back to UDOT and the Attorney General’s office. Following their approval, he will forward again to the AWG for review and then on to GSD.

The group discussed scheduling for filter installation. It appears unlikely the agreement will be finalized for construction to proceed in summer 2015. UDOT will select a Design-Build (DB) team later this year and expects to have a schedule from the DB by the end of the year. The DB process provides the opportunity for creative solutions and scheduling but it’s possible no dirt will be turned in the Hunter High and Hillside Elementary areas until summer 2016.

The group will continue the review/edit process to arrive at something it’s comfortable with, then forward the Draft to GSD (copying the superintendent and involving him as terms are negotiated).

Cameron suggested adding language that the funds will only be used for air quality mitigation at the five schools designated in the MVC Record of Decision (Hunter High, Hunter Jr. High, Whittier Elementary, West Valley Elementary, Hillside Elementary). She will collaborate with Reed on the wording.

- **Tech School Update**
  - Kathy was at a meeting also attended by Shawn Crossland of Salt Lake Community College. She approached him about sharing filtration recommendations for new portables with Utah technical schools. Shawn said he would help direct the AWG to the right person when specifications for new portables become available.

- **Filling Open AWG Medical Position**
  - Kathy and Cameron are continuing to search for candidates. Cameron is coordinating with Debbie (Breathe Utah Board President) for recommendations.

- **Schedule Next Meeting**
  - The next AWG meeting is scheduled for Monday, May 18 @ 12:30 p.m. at Granite School District.

**4/13 Action Items:**
- Paul to include Feb. 2015 Hunter Jr. High portables CO2 data in portable report. Linda to point out this data to the GSD superintendent. (Paul, Linda)
- Forward results of the Las Vegas study and school district agreement to the AWG (Paul)
• Continue reviewing the DRAFT Cooperative Agreement and send Reed any further comments for incorporation. Then Reed will forward a revised version to the AG for review. (AWG, Paul)

• Continue collaboration on approach and next steps to fill the open AWG medical role (Cameron, Kathy)

• Continue coordination regarding tech school outreach strategy (Kathy)

• Coordinate facilitation contract modification for Langdon Group (Andy, Reed)