

WSV CAC Meeting 4/21/16

Introductions: In attendance were Maureen Gilbert, Andy Helkey, Jann Higdum, Bob Launhardt, Brian Nansel, Sandy Podsaid, Loren Whitten-Kaboth, Carol Young and DEQ staff Mark Boyle and Ralph Paul, Mark and Lynnette Freeman, Kuma Stoves.

New Business: Mark Freeman Kuma Stoves <https://www.kumastoves.com/>, woodstove change-out discussion. Mark suggested Government affairs rep John Crouch of Hearth Patio Barbeque Association <http://www.hpba.org/> can help with woodstove change-out ideas and suggestions. Currently Kuma is involved with a change-out occurring in Portola California <http://www.ci.portola.ca.us/>. Same situation as Silver Valley. Lessons learned here is to start in the summer not in the fall as previously thought. Reasons include inventory, timing, and weather considerations. Installation and instruction piece is important, more time for that when installs happen earlier in the year (summer). Better promotion from retailers can be expected at this time too because they are not as busy but would like to be. In fall retailers and installers get busy and a change-out program could create log jams. Mark shared the emission reductions that woodstoves have engineered over the past decades bringing stoves from 60 grams per hour emissions down to 4. By 2020 the EPA will require emissions to be 2 grams. Much of these changes hinge on proper venting and proper use of the stove. He suggested that stoves are nearing 80% efficient only losing 20% of the heat out of the vent. Continued education is a must. Stoves also need to be maintained per operators manual. Mark also discussed a "Stove Fair" as a way to kick off the program in the community. Mark proposed to the group to think about hosting a fair sometime in July. This will give the group time to plan and time to include participants in a planning effort.

Mark mentioned "authorized" stove dealers and suggested the group make some determination about how they would select "authorized" dealers. Some suggestions to keep it in Idaho were made. Most of the group supported the idea. Mark Freeman believed there were enough retailers in the area that keeping it in Idaho could support the program. Other suggestions for a program and participant in a stove fair includes: retailers, certified installers, certified reviews of stoves for independent determination of stove and vent needs, firewood providers, moisture meters, pellet stoves, pellet manufacturers North Idaho Energy Log, Lignetics, Avista, HVAC specialty licensed woodstove installers (NFIC, and CSIA), home inspectors, fire department, permitting authority (County city or state mechanical permits and inspections). Fair should be outside in park area so stove operation could be demonstrated and be big enough for numerous vendors, information. The group unanimously agreed to commit to participating in a planning meeting and in the fair.

Additional discussions occurred about how to address stoves that were not maintained and therefore no longer assured EPA emissions certification. Mr. Freeman suggested this could be accomplished through initial "qualifying" home visits which could cost about \$69 for each home. This could also identify stoves that simply needed minor maintenance for improvements to occur.

A motion to ask Avista if they could stuff their electric bill notices with additional information from the group to help get the word out. Rene agreed to ask Steve A. about Avista's willingness to provide this assistance.

Additional business was discussed: Ralph shared about the diesel grant applications DEQ was submitting to EPA to install diesel retrofit technology to reduce diesel PM emissions. Mark Boyle mentioned he believed there may be two grants being submitted. The other may provide funds for schools to apply to the purchase of new buses.

Ralph asked the group for clarification about last month's discussion regarding FHA loans requiring removal of uncertified stoves. The group could not identify specifically where that information came from. Sandy Podsaid suggested he had heard some discussion to that affect and it may have been associated with building code adoption. He suggested Ralph contact Dan Martinsen, and Kirk Dehn, City of Kellogg. Others mentioned that certain lenders are addressing uncertified stoves but it was dependent on what the lender wished.

Ralph presented RACM (reasonably available control measures) once again to discuss woodstove cessation ordinance acceptance. The group discussed many aspects of an ordinance and resolved that only if an ordinance included the flexibility to exempt sole source heat and economic hardship, and was applied to uncertified stoves only. The group discussed that an ordinance could provide incentive as well to residents to remove their uncertified stoves. The group was not unanimous in suggesting that a woodstove ordinance would be acceptable but the majority did support the idea if the caveats listed above are part of the consideration. The group commissioned Ralph to draft an ordinance for further evaluation. Ralph asked the group if an ordinance that applied an opacity standard on woodstoves was acceptable. The group unanimously rejected the idea citing the technicalities to implementing such an ordinance as reasons to exclude from consideration.

Bob L shared his concerns about lung cancer rates in Shoshone County and predicted they would only get worse. Bob cited his efforts studying radon and its effect on the health of the residents and how this compounded the health effects of smoke. The group shared that they appreciated his earlier efforts to inform the public and help frame the efforts for clearing the air and improving the health of the community through his recent letter to the editor. DEQ committed to keeping an eye out for any EPA grants to address radon and will bring them to the group when identified.

Mark Boyle told the group that he is pursuing a health consultation with the Bureau of Community and Environmental Health Division of DHW and would like to invite Jim Vannoy and his group to discuss health effects with the community. The attendees agreed that they would like to hear from Jim's group in the future.