

Air Quality Advisory Committee

Minutes: September 11, 2019 Meeting

Next Meeting

November 4, 2019 from 6:00-8:00 PM

Shute Park Meeting Room at the **Hillsboro Shute Park Library** (775 SE 10th Ave, Hillsboro, OR 97123)

NOTE: Different location than usual

Attendees

1. Members present:
 - a. Allen Amabisca
 - b. Carly Riter
 - c. Mark Mueller
 - d. Julie Layshock
 - e. Stephanie Shanley
 - f. Tom Wood
 - g. Tori Heroux
2. Facilitator:
 - a. John Harland
3. Guests:
 - a. Scott Porter, Manager of Washington County Emergency Management
 - b. Tim Davis, Washington County Housing Rehabilitation Specialist, Wood Stove Exchange Program

Notes

1. Members of the AQAC introduced themselves. Members in attendance listed above.
2. Local Emergency Planning Committee Update (LEPC): Scott Porter, Washington County Emergency Manager
 - a. Scott Porter, Manager of Washington County Emergency Management, gave a history of the evolution of emergency management in Oregon and an update on the department's focus. The state had just one Local Emergency Management Committee (LEPC) covering the entire state until 2007 when responsibility for the program moved to the state Fire Marshall and more local committees were established. There currently are two state approved LEPC emergency plans since the passing of the legislation in 2007. Washington County does not have a LEPC but is working with industrial facilities starting first with two facilities in Sherwood to develop a plan in the event of an offsite release that may become a template for other industrial facility plans in Washington County. Scott is working with first responders to identify sensitive populations near industrial facilities. Scott noted he will be transitioning to a part time analyst position, but his focus will remain on emergency management.
 - b. Allen Amabisca, AQAC Member asked how hospitals are considered in this process.
 - i. Scott Porter noted that while hospitals are not directly involved in the planning phase, they are welcomed to participate as it is important for first responders to know where to transfer people who have been impacted.

- c. A community member noted they are pleased to hear Scott is working to create a Local Emergency Management Committee. The individual then asked how concentration levels and qualities of chemicals are considered when modeling possible impacts.
 - i. Scott Porter noted that how chemicals are stored, qualities of chemicals, and concentration levels are all factors that are considered when evaluating the possible release impacts and are reflected in the response planning.
 - d. A community member asked how the public would be notified if an event occurred.
 - i. Scott Porter noted a “reverse 911 system” is in place and it can be used to notify people. There is also an existing emergency alert system for television and radio communications. All of these existing communication methods can be used to share evacuation routes or shelter in place. Scott is currently evaluating the possible use of wireless emergency alerts (WEA).
- 3. Wood Stove Exchange Program Update: Tim Davis, Washington County
 - a. Three years ago the county started evaluating the curtailment of wood smoke in Washington County and developed the Wood Stove Exchange Program. With the goal of reducing levels of fine particulate matter in Washington County, the program provides financial support for individuals to remove old wood stoves used as a primary heating sources and replace with new heating sources such as heat pumps and wood pellet stoves. The program is seeking to exchange 700 stoves and is halfway to its goal. Although the population levels are increasing, levels of fine particulate matter in Washington County are trending downward, which correlates with the efforts of the wood stove programs and strategies the county has put in to place over the past three years. The program also focuses on education efforts regarding types of materials that should not be burned, and health effects of fine particulate matter. Tim reported that, according to EPA estimates, every ton of PM 2.5 that’s prevented saves the area \$360k in health care costs. Since the start of this program, Tim noted nearly 30 tons of particulate prevented with over \$10.8 million in possible health impact savings to date. As part of the program an indoor air quality study was conducted in homes before and after the wood stoves were exchanged to determine the effectiveness of the program. The study found 12 of the 17 households had reduced levels of indoor PM 2.5 after the exchange was made.
 - b. A community member asked when Tim expects to meet the goal of 700 stove exchanges.
 - i. Tim Davis noted he anticipates it will take three more full heating seasons.
 - c. A community member asked if Tim knows how much particulate matter in the region is contributed by industry.
 - i. Tim Davis referred the community member to the Oregon DEQ website.
- 4. Recap of Previous Meeting
 - a. The AQAC discussed the Executive Summary on the Air Quality Monitoring program, and the document is now on the AQAC website: www.oragac.com
 - b. Rafe Christopherson from Intel Corporation reported on stack testing and noted AQAC members are invited to observe.
 - c. Intel did not have any excess emission or upsets reported last quarter.
 - d. Intel has submitted its Annual Air Permit report which is now posted on the Explore Intel website: exploreintel.com

5. Community opens
 - a. A community member indicated they were interested in learning more about per- and polyfluoroalkyl substances (PFAS).
 - i. AQAC member Mark Mueller noted no representatives in attendance were qualified to speak on that topic.
6. AQAC opens
 - a. AQAC member Tori Heroux noted the addendum to the Good Neighbor Agreement regarding meeting cancellations was formally adopted. The addendum states that one month prior to the next regularly scheduled meeting, members have the right to cancel a meeting if AQAC members agree there are not enough topics to cover at the upcoming meeting. The addendum also requires electronic communications to the people who have signed up emails to be notified if a meeting is canceled. Two meetings in a row would never be canceled. Any reporting requirement outline in the Good Neighbor Agreement would still be met, and information shared with neighbors upon request.
 - c. AQAC member Allen Amabisca requested this document be posted to the AQAC website. The AQAC members agreed and the document will be posted.
 - d. AQAC member Mark Mueller noted he and Tori Heroux have drafted an update to the Frequently Asked Questions document on the AQAC website. Tori Heroux will share the proposed update with the other AQAC members for feedback.
7. Good Neighbor Agreement Items Update: Kristine Baranski, Environmental Compliance Engineer at Intel Corporation
 - a. Kristine Baranski reviewed the information in the meeting presentation materials, which can be found on the AQAC web site: www.ORAQAC.com. She indicated Intel will continue to conduct stack testing. Stack testing is open for any AQAC members to observe. Kristine Baranski noted Intel did not have any excess emissions or upsets since last quarter regarding Rotary Concentrator Thermal Oxidizers. Low flow alarms were reported on wet scrubbers. 99.9% of the time the abatement units were operating normally.
 - b. AQAC member Allen Amabisca asked where the Continuous Emissions Monitoring Report chart can be viewed.
 - i. Moderator John Harland noted the chart, as part of the meeting materials, will be posted to www.oraqac.com
 - c. A Community member asked who the 3rd party tester is regarding stack testing.
 - i. Kristine Baranski noted the 3rd party tester is ERM
 - d. AQAC member Tori Heroux asked for more information regarding the updated Title V permit application Intel is planning to submit.
 - i. Kristine Baranski noted Intel will be turning in documentation to DEQ in October, compiling things turned in with previously submitted type 1 and type 2 permits. This will include updates submitted with the non-technical permit addendum regarding the hours when emergency generators are tested.
 - ii. AQAC member Stephanie Shanley noted all the information related to Type 1 and Type 2 has been presented to the AQAC.
 - e. A community member asked when DEQ will hold a public hearing on Intel's Title V permit application.
 - i. Kristine Baranski noted DEQ has indicated it will start looking at the submission this year, but has not indicated when it will hold a public hearing.

- f. A community member asked if Intel is requiring that contractors use California diesel engine emission standards.
 - i. AQAC member Stephanie Shanley noted Intel is encouraging its suppliers to use the latest engine models. Intel has presented supplier survey information regarding this topic to the AQAC previously. Intel is currently in process of surveying its suppliers who are on site now regarding this topic.
- 8. Agenda for Next Meeting
 - a. Good Neighbor Agreement Items Update
 - b. Proposed meeting dates for 2020 calendar year
- 9. Meeting adjourned

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