

## Air Quality Advisory Committee

Minutes: April 10, 2019 Meeting

### Next Meeting

September 11, 2019 from 6:00-8:00 PM

Location TBD, will be posted to website once confirmed

### Attendees

1. Members present:
  - a. Allen Amabisca
  - b. Carly Riter
  - c. Mark Mueller
  - d. Robert Bailey
  - e. Stephanie Shanley
  - f. Tom Wood
  - g. Tori Cole
2. Facilitator:
  - a. John Harland

### Notes

1. Members of the AQAC introduced themselves. Members in attendance listed above.
2. Preview of meeting agenda shared.
3. Recap of previous meeting provided.
  - a. AQAC members discussed a need for an Executive Summary
  - b. CPO Group outreach plan
  - c. Update from Intel regarding wet electrostatic precipitator monitoring and crystalline silica monitoring
  - d. AQAC member discussed protocol for holding meetings when there is a lack of agenda items
4. Community opens
  - a. A community member indicated they were interested in learning more about Intel's hexane emissions.
    - i. Rafe Christopherson noted the only potential source of hexane emissions at Intel would be from natural gas combustion. US EPA has default emission factors for hexane as a trace byproduct of natural gas combustion that are used regardless of if natural gas was fired in a boiler at Intel or in a gas fireplace at a home.
  - b. A community member asked if Intel has been lobbying for an exemption on fluorocarbon emissions in the Clean Energy Jobs Bill.
    - i. Stephanie Shanley and Carly Riter noted that there are no exemptions for fluorocarbons in the current version of the Clean Energy Jobs Bill.
5. AQAC opens
  - a. AQAC members did not raise any opens.
6. Executive summary
  - a. Tori Cole noted the Ambient Air Monitoring which was completed as a requirement of the Good Neighbor Agreement is now completed. The [Ambient Air Monitoring final report](#) was issued but some community members found it challenging to understand.

Dr. Sahu, who's been working with the AQAC as a consultant throughout the project, was asked by the AQAC to provide an executive summary. Once it's finalized by this body, the summary will be posted on the AQAC website for community members to access.

- b. Mark Mueller noted members of the AQAC can now provide comments on the Executive Summary draft if they have any. He also noted a need for the AQAC to provide updates to the existing [Frequently Asked Questions](#) document on the AQAC website.
  - c. Robert Bailey noted he expressed concern to Dr. Sahu regarding the placement of the Liberty High School monitor and wanted to ensure this was captured in the Executive Summary.
    - i. Tori Cole noted she raised this question to Air Sciences and will share Air Sciences response with the AQAC members. Air Sciences stands behind the data collected at this location.
    - ii. Robert Bailey noted he is most concerned about this location due to the possible impacts on the farms and rural areas.
    - iii. Allen Amabisca noted the area Robert Bailey is referencing produces food crops and contains sensitive receptor populations.
    - iv. Tom Wood noted the placement of monitoring equipment can impact wind data but would not impact ambient air concentrations at this site.
7. GNA Amendment
- a. Tori Cole noted the [Good Neighbor Agreement](#) governs how the AQAC operates. She proposed an addendum to the Good Neighbor Agreement which noted, 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 requires electronic communications to the people who have signed up emails to be notified if a meeting is canceled.
  - b. Tom Wood noted two meetings in a row would never be canceled.
  - c. Tori Cole noted that any reporting requirement outline in the Good Neighbor Agreement would still be met, and information shared with neighbors upon request.
  - d. Robert Bailey requested proposed addendum language be shared with AQAC members for review.
  - e. Tori Cole noted she would share the proposed addendum with AQAC members via email and requested feedback from the AQAC.
8. Good Neighbor Agreement Items Update
- a. Rafe Christopherson, Intel, reviewed the information in the meeting presentation materials, which can be found on the AQAC web site at [www.oraqac.com](http://www.oraqac.com). He indicated Intel will continue to conduct stack testing. Stack testing is open for any AQAC members to observe.
  - b. Rafe Christopherson noted Intel did not have any excess emissions or upsets since last quarter. He noted the next stack testing will occur in the fall this year.
  - c. Rafe Christopherson noted Intel has submitted its Annual Air Permit report which will be posted on the Explore Intel website.
    - i. Intel's permit requires emergency generators to run between sunrise and sunset. There was one deviation which was reported to DEQ
      - 1. Allen Amabisca asked if there were any impact from this deviation or repercussions, and if the issues has been resolved.
      - 2. Rafe Christopherson noted DEQ accepted Intel's deviation report and has not requested additional information or provided written response.

He noted in a future slide he would share more on how Intel addressed this deviation.

- d. A community member asked how Intel handles ammonia waste.
    - i. Stephanie Shanley noted Intel is building an advanced water treatment facility to deal with Intel's wastewater, which includes ammonia waste.
  - e. Allen Amabisca asked how Intel receives complaints which are required to be reported in the Air Permit Annual Report.
    - i. Stephanie Shanley noted the county will let Intel know if they receive any complaints. DEQ also lets Intel know if they receive anything, but main source is the Public Affairs publicly listed neighbor relations phone number.
  - f. A community member asked how permit limits and current emission levels will be impacted by the planned site expansion at Ronler Acres.
    - i. Stephanie Shanley noted Intel is not planning to request any increases to current permit limits.
  - g. A community member asked if Hawthorne Farm and Jones Farm are included in Intel's Ronler Acres and Aloha air permit limits.
    - i. Stephanie Shanley noted DEQ has reviewed these facilities and does not include them in Intel's air permit as the labs in those locations are not sharing product, and are not connected to Intel's manufacturing operations at Ronler Acres and Aloha Campuses.
  - h. Rafe Christopherson noted Intel had one deviation with regard to Intel's air permit in 2018. Intel started an emergency generator at 7:14 but should have started at 7:25 AM to comply with the requirement that states emergency generators should be run during daylight hours. Intel reported this deviation to Oregon DEQ. Intel made improvements to procedures and held stakeholder meetings to raise awareness to this permit condition to reduce the likelihood of a repeat occurrence
9. Agenda for next meeting
    - a. Tori Cole requested an update from Washington County regarding the Wood Stove Exchange program.
    - b. Robert Bailey requested Scott Porter from Washington County provide an update on local emergency response planning.
  10. Public comments/questions
    - a. Tori Cole asked when Intel will submit a building permit request for the planned expansion.
      - i. Stephanie Shanley noted Intel has already submitted this to the City of Hillsboro.
      - ii. Tom Wood noted Intel was aware the expansion was coming and this was accounted for in the Health Risk Assessment
    - b. A community member asked how a sensitive population is defined.
      - i. Tori Cole noted sensitive receptors are people who are vulnerable to air problems - elderly, asthma, children with smaller lungs. There are other genetic reasons why some people may be more sensitive. This was accounted for in the Health Risk Assessment and Ambient Air Monitoring.
    - c. A community member asked about the source of Intel's carbon dioxide emissions.
      - i. Rafe Christopherson noted combustion is a significant portion of the greenhouse gas emissions and that process emissions of other greenhouse gases are controlled with the use of abatement in the sub-fab.
  11. Closing

- a. Tori Cole noted she will wait for feedback from the AQAC members before signing the proposed Good Neighbor Agreement addendum

12. Meeting adjourned

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