

# Air Quality Advisory Committee Meeting

Meeting Minutes: May 4, 2022

## Next Meeting

Wednesday September 14, 2022, 5:00pm. The meeting will be virtual.

Virtual meeting access information will be posted to [www.ORAQAC.com](http://www.ORAQAC.com).

## Attendees

1. AQAC Members present:
  - a. Allen Amabisca
  - b. Antara Digar
  - c. Anisha Ladha
  - d. Julie Layshock
  - e. Mark Mueller
  - f. Mary Peveto
  - g. Tom Wood
2. Facilitator:
  - a. John Harland

## Meeting Minutes

1. Members of the AQAC introduced themselves.
2. John Harland reviewed the meeting agenda.
3. **Recap of Previous Meeting:** At our last meeting, Kristine Baranski, Intel, reviewed the data in alignment with the Good Neighbor Agreement (GNA) including a tentative plan for stack testing in 2022. Intel is the process of applying for a permit modification to incorporate the Federal rule due to a planned nickel-plating process at the Aloha campus.
4. **Community Opens:**
  - a. In response to a number of community questions, Intel indicated
    - i. The meetings are not recorded
    - ii. Although research and development (R&D) is conducted at many Intel sites, Ronler Acres remains the hub of Intel's manufacturing R&D
    - iii. The Intel Annual air emissions report to Oregon Department of Environmental Quality (DEQ) will be posted on [www.ExploreIntel.com](http://www.ExploreIntel.com) and sent to Neighbors for Clean Air (NCA) and Northwest Environmental Defense Center (NEDC) as specified in the Good Neighbor Agreement
  - b. A member of the public asked why Intel only uses Munters thermal oxidizers in New Mexico, but uses thermal oxidizers made by both Munters and Anguil in Oregon. Mark Mueller, Intel, stated that both perform the same function.
  - c. A member of the public asked if Intel reports volatile organic compounds (VOC) as an aggregate or individual chemicals, and what method/equipment does Intel use. Intel representatives indicated that Intel reports total VOCs measured by a third-party using methods approved by Environmental Protection Agency (EPA) and DEQ.

## 5. AQAC Opens

- a. Kristine Baranski, Intel, indicated that there have been requests for additional information on abatement equipment such as scrubbers and Rotary Concentrator Thermal Oxidizers (RCTOs), to learn more, watch videos on [www.exploreintel.com](http://www.exploreintel.com).

## 6. Good Neighbor Agreement Items: Kristine Baranski, Intel, reviewed the GNA items. Key items include the following. For more details, see the presentation materials posted to [www.ORAQAC.com](http://www.ORAQAC.com).

- a. Intel has completed the following stack testing
  - i. Boilers to update emission factors
- b. Intel will be conducting stack testing during Q3 on the following:
  - i. D1XM3, initial testing of new scrubbers
  - ii. D1X initial and 5-year testing for 8 VOC abatement units
  - iii. Mary Peveto asked how AQAC members are informed about the stack testing schedules so they can witness the process. Mark Mueller, Intel, indicated Intel sites have restricted access due to the pandemic. Historically, the testing schedule is announced at AQAC meetings and members of the AQAC invited to witness the testing.
- c. The Intel Annual Air Permit Compliance and Emissions report has been submitted to Oregon DEQ and shows Intel in compliance with all permit requirements
- d. Planned upcoming submittals to DEQ, expected in Q2 or Q3, 2022 are:
  - i. Permit Modifications (tentatively Q2/Q3): RCTO NOx abatement and NOx & CO calculation methodology update
  - ii. There was a question from a community member regarding the impetus for changing the NOx & CO calculation methodology. Kristine Baranski, Intel, explained that earlier the calculation was all based on production unit and now it will be calculated based on both production unit and tool count.
  - iii. There was a comment by a community member about Best Available Control Technology (BACT) and Best Achievable Technology (BAT). They commented that Intel should use BAT technology.
  - iv. A community member asked for additional details regarding the Acid Scrubber pH events. Kristine Baranski, Intel, explained that one event was related to the caustic supply not being able to respond quickly enough to a change in the incoming exhaust stream; another was due to a decrease in caustic supply pressure. In both events, the pH returned to above setpoint within a short timeframe to limit the duration of each event to one hourly average.
- e. A community member asked what technique will be used to abate NOx and whether this will be implemented at all Intel sites.
  - i. Kristine Baranski, Intel, indicated the system will use ozone to oxidize the NOx. Implementation at other sites is to be decided based on evaluation.

## 7. Public Comments

- a. A member of the community asked where to find a chart presented. Meeting materials and minutes are posted to [www.ORAQAC.com](http://www.ORAQAC.com).

## 8. Next Meeting Agenda

- a. The following agenda items were proposed

- i. Standing agenda items:
  - 1. Stack Testing Updates
  - 2. DEQ Submittals
  - 3. Project Update
- b. AQAC members can propose additional agenda topics
- c. AQAC members had a brief discussion about the quorum and cancellation notifications.
  - i. 30-day cancellation notice is stipulated in the GNA

**9. Dates for Meetings in 2022**

The AQAC meetings in 2022 are scheduled as follows. All meetings will start at 5:00 pm and will be virtual until a decision is made to hold meetings face to face:

- a. September 14, 2022
- b. November 9, 2022

Please add these dates to your calendar

**10. Meeting adjourned**