

## **MEETING SUMMARY**

### **Community Environmental Working Group**

#### ***“Striving for Continuous Environmental Improvements at Intel”***

**Date:** March 15, 2017  
**Time:** 5:15–7:00 p.m.  
**Location:** Corrales Senior Center

#### **Members Attending**

John Bartlit, NM Citizens for Clean Air & Water  
Mike Williams, NM Citizens for Clean Air & Water

Hugh Church, American Lung Assc. in NM  
Sarah Chavez, Intel  
Dennis O’Mara, Corrales resident, Corrales Residents for Clean Air and Water (CRCAW)

#### **Non-Members Attending**

Lynne Kinis, Corrales resident, (CRCAW)

Ron Eppes, Intel

#### **Facilitator**

Shannon Beaucaire, Facilitator

Sidni Lamb, Recorder

#### **HANDOUTS**

- CEWG Draft Agenda
- Draft Meeting Summary, February 2017
- Action-Item Progress Report
- EHS Activity Report
- 2017 Topics

#### **PROPOSED AGENDA**

- Welcome, Introductions, Announcements and Brief Items
- Standing Agenda Items
- Action Item Progress Report
- Quarterly Review of 2017 CEWG Topics
- Discuss Options for Responding to Dr. Fisher’s Letter
- Adjourn

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## **WELCOME, INTRODUCTIONS, ANNOUNCEMENTS, AND BRIEF ITEMS**

John Bartlit opened the meeting by referring to the CEWG mission, which was to make environmental improvements at Intel, reduce chemical emissions at Intel, and improve community dialogue. Introductions were made.

### Agenda—Revisions and Approval

No comment.

### Meeting Summaries—Revisions and Approval

Lynn Kinis said she was unable to attend the February meeting but had read the Meeting Summary and acknowledged the thoroughness, time and effort Dennis O’Mara had put into his presentation on ALS. She said that the Corrales Residents for Clean Air and Water (CRCAW) did not have the background to dissect the report in detail the way Mr. O’Mara did. John Bartlit agreed that it was a good presentation and reiterated his appreciation, particularly since Dennis O’Mara had volunteered his services.

### Other Announcements

None.

### Public Comment

No comment.

## **STANDING AGENDA ITEMS**

### EHS Report

Sarah Chavez said that the EHS report contained standard regulatory requests, and there were no calls.

### Regulatory Engineering Update

- Sarah Chavez reported that she was the Regulatory Engineering contact for the CEWG for the rest of the year, and she would continue to gather information on relevant topics and provide updates to the CEWG. She said today she listened to a talk on sustainable building, and they used a new terminology called “digital efficiency,” defined as solutions enabled by the industrial Internet to increase output, use natural resources more efficiently, and lower the environmental footprint. Another example was “smart building,” which was how to better control temperature and lighting in a building to reduce energy use. She planned to meet with Intel’s Brian Rashap, who now managed several Intel sites, later in the year to gather more information on Internet of Things projects with an environmental impact. She had white papers written by Intel about the issues that she would share with the group.  
<http://www.intel.com/content/www/us/en/industrial-automation/ge-intel-digital-efficiency-drive-decarbonization-across-industries-white-paper.html>

<http://www.intel.com/content/www/us/en/smart-buildings/smart-building-using-iot-case-study.html>

- Sarah Chavez said she listened to another important talk today about security: How do corporations secure their wireless information? Another issue, particularly relevant to New Mexico, was how to make connectiveness work in rural areas where there was no wifi access, or cell phone coverage.
- John Bartlit said that he read an article about Intel's purchasing a company that worked on the technology for self-driving cars. He commented that it was similar in nature to regulatory engineering technology, although it was a different application.

#### UNM Cancer Study

Dennis O'Mara said he had nothing to report on the UNM Cancer Study, and he had not pursued it. He said the person in charge of the UNM Cancer Study had been called upon recently to gather data for the Tularosa Downwinders group, a group that had drawn a lot of political attention recently.

#### **REVIEW ACTION ITEM PROGRESS REPORT**

- Sarah Chavez reported that she was still working on Item # 3. Her progress was hindered because of issues with Square Space, the hosting platform. She also reported that she completed Item # 5.
- Mike Williams reported on Item # 4. The person he was supposed to contact was not actually with the National Science Foundation, but only funded by them and had since retired. Mr. Williams said he had no way to contact this person and suggested taking Item #4 off the list.

**ACTION ITEM:** Shannon Beaucaire will take Item # 4 off the list.

- Mike Williams gave an update Item #7, and provided background on the issue. He said Intel emitted light aldehydes, which were emitted from boilers in general and not specific to Intel. The concern was the high levels of heavy aldehydes found in the Corrales Clean Air Study in 2003–04; these levels were higher than the screening levels in the Texas Environmental Quality standards. Mr. Williams said he was concerned that the high levels were coming from smog, and he was trying to get information on modeling to learn more. Then, Roger McClellan had been reading CEWG meeting summaries and said their concern should be more with diesel trucks, which are large emitters of aldehydes, and provided technical papers that supported this suggestion. National emission standards regulations to reduce urban haze forced diesel fuel to be made cleaner without sulfur, with the result that heavy aldehydes levels have dropped dramatically, in general. The

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regulations were set for new vehicles, and they would need to wait for the entire fleet to be overturned to see if there was a direct correlation. Mr. Williams said if this was the case, then it was a much better situation than having to address urban haze. He added that it would be helpful to test to see if the levels were dropping, and wanted to do some calculations around it.

- John Bartlit asked Mr. Williams if all of his questions about the ATSDR report had been answered. Mike Williams answered yes, for those questions associated with aldehydes, but he had not heard back about scrubbers. One of his questions was about cost and the other regarding the character of the actual emissions. Sarah Chavez said she was in contact last week with Intel Oregon and was waiting to hear back from them to get answers to these questions.
- Mike Williams said both Texas Environmental Quality and Peter Kowalski thought the screening levels for hydrogen fluoride were appropriate. Hugh Church confirmed that he had not heard back yet from Jonathan Samet. Mr. Williams said that Dr. Smolinske also had received the questions but had not yet responded, either. Dennis O'Mara said that she was supposed to be at the local Emergency Planning Committee meeting next month, and if she were in attendance he would follow up with her.
- Mike Williams reiterated his two questions. The first question was about which aldehydes were found in urban haze and were their levels above screening levels. The second question concerned hydrogen fluoride in combination with scrubber water having different effects than the gas itself.
- Dennis O'Mara asked whether aldehyde levels in the area could be measured now. Mr. Williams said the earlier FTIR measurements were before CEWG's time. Mr. O'Mara said he thought the Southwest Organizing Project (SWOP) had the FTIR and it was broken. He wondered where the machine might be now and whether or not it was functioning or could be repaired. John Bartlit said that he had contacted someone years ago about the possibility of the CEWG's helping to get the machine working again.
- Dennis O'Mara said Intel owned a machine as did the NM Environment Department. Sarah Chavez clarified that neither Intel nor NMED owned a machine nor had one in their possession, as Intel had contracted a company to do the testing. John Bartlit asked if SWOP owned the machine. Lynn Kinis replied that they did not own it but agreed to take care of it on behalf of the community. John Bartlit said the machine was worth about \$100,000, and they could have sold it and used the money or they could get it repaired. It was better than having it not do anything. He suggested giving the issue some thought. Dennis O'Mara asked if the equipment was obsolete now and whether the technology had improved since then. Sarah Chavez said they would need to check that out.

- Sarah Chavez said that an FTIR was a complicated piece of equipment and not just anyone could operate it. Also, it took an expert to analyze the data, and the data analysis was very expensive. She remembered the CRCAW did not have the funds to hire someone to analyze the data. Lynn Kinis added that the people who had the knowledge to read the data for the first measurements were no longer around.
- Shannon Beaucaire reported on Item #13. She said she continued to work to ensure all meeting summaries and EHS documents were posted on the CEWG Web site. When she became the facilitator, she said she inherited two folders on the thumb drive, one marked “archival meeting materials” and one marked “CEWG,” and within the latter there was a folder marked “archival meeting materials.” So, she worked with Sarah Chavez to look through all the documents in both folders, compare and eliminate the duplicates, and ensure that newer versions were not deleted. Ms. Beaucaire also said that beginning in January 2011, it appeared that all the meeting materials were present except the EHS report. So she and Ms. Chavez were working to ensure all meeting folders were complete.
- Shannon Beaucaire emailed a topic index report with the last Meeting Summary for review as per Item #11. Sarah Chavez reported that no comments had been received
- Dennis O’Mara reported on Item #14, which was in response to a question from Jeff Radford about whether contacting physicians to find ALS cases was part of the study protocol. Mr. O’Mara contacted Heidi Krapfl with the question, and the answer was, “No.” The purpose of contacting physicians, Mr. O’Mara said, was to confirm diagnosed ALS cases through the review of patients’ medical records. Mr. O’Mara also said that Jeff Radford had published an article in the *Corrales Comment* about his observations of the February CEWG meeting. Mr. O’Mara said there was an error in the article, which was that self-reporting was the only way that cases would be included in the study. This was incorrect. Mr. O’Mara said he wrote a letter to the editor that will be published in the next newspaper edition correcting the error and clarifying that self-reporting was just *one* way to find cases. John Bartlit asked Dennis O’Mara to send everyone a weblink to the article once the article and the letter to the editor were available online.

**ACTION ITEM:** Dennis O’Mara will send everyone a weblink to the *Corrales Comment* article cited above once the article and the letter to the editor are available online.

### **CEWG 2017 TOPICS QUARTERLY REVIEW**

- Shannon Beaucaire asked the group to look at the CEWG’s 2017 topics and review priorities to make sure the group was on track. She asked Mike Williams if he was ready to discuss progress made on his Interesting Questions and to plan follow up steps at the April meeting. Mr. Williams said yes.

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**ACTION ITEM:** Mike Williams will discuss progress made on his Interesting Questions and plan follow up steps at the April meeting

- John Bartlit said he had not yet received a response from Dr. Kesler about attending a CEWG meeting to speak about multiple chemical sensitivities. Sarah Chavez said that since Intel's Dr. Fisher recommended her, she could ask Dr. Fisher to contact her on the CEWG's behalf. Dennis O'Mara agreed with this action.

**ACTION ITEM:** Sarah Chavez will ask Dr. Fisher to contact Dr. Kesler on the CEWG's behalf.

- Sarah Chavez reported on the CEWG Award proposal. She said Mindy Koch had a conversation about the letter with Ann Kelleher, who reached out to her to discuss. They were hoping for a response today but did not receive one. Ms. Chavez said they had no control over timing, since Ms. Kelleher was extremely busy as Vice President of a large organization. If any news came out before the next meeting, Ms. Beaucaire will email it to the group and include on the next month's agenda.

**ACTION ITEM:** Shannon Beaucaire will email to the group any response about the award proposal that arrives between meetings and include on the subsequent month's agenda.

- Shannon Beaucaire asked if they wanted to add "FTIR equipment" to the list. Both Dennis O'Mara and John Bartlit said to not put it on the list because it wasn't the CEWG's business. Lynne Kinis said that the SWOP people involved in the 2003-04 project were no longer around. Still, she agreed to call SWOP to find out about the FTIR machine. Ms. Kinis said the FTIR belonged to the community and not SWOP.

**ACTION ITEM:** Lynne Kinis will contact SWOP to see if they still have the machine and report back.

### **DISCUSS OPTIONS FOR RESPONDING TO DR. FISHER'S LETTER**

Shannon Beaucaire asked for comments on the six options for responding to Dr. Fisher's letter that had been proposed for consideration at the last meeting.

- John Bartlit suggested a new proposal, which was to send Heidi Krapfl and Dr. Fisher the portion of the February Meeting Summary that included Dennis O'Mara's talk and let it speak for itself. The CEWG could invite Dr. Fisher to respond in writing or come and talk to the group, if he wanted to.
- Dennis O'Mara said he had sent Heidi Krapfl an email expressing his concerns about the Fisher email, and had followed up by email and hard copy with much of what he had

presented at the February meeting. The front-end overview section was the only thing he did not send her. John Bartlit said they could send certain sections of the Meeting Summary and not the whole Meeting Summary. Sarah Chavez asked if Heidi Krapfl knew that Dennis O'Mara was a CEWG member. Mr. O'Mara responded yes, she knew.

- Dennis O'Mara said if Mr. Bartlit wanted the CEWG to be on the record with the NMDOH, then his proposal made sense. Mr. Bartlit said it was an important part of the CEWG's mission to promote community dialogue, so this option further spread information about the CEWG and how it worked. Mike Williams said he liked Mr. Bartlit's proposal except for sending it to Dr. Fisher. Lynne Kinis said the presentation had clarified comments that were stated as fact in Dr. Fisher's letter, and she believed this was the important part. She also said she did not think it was appropriate to invite Dr. Fisher to the CEWG. Dennis O'Mara clarified that Dr. Fisher did not need to be invited, since CEWG meetings are open to the public. Mr. Bartlit said Dr. Fisher could read the Meeting Summary on his own. Also, Ms. Chavez kept Dr. Fisher informed about what occurred at CEWG meetings, since this was her job.
- John Bartlit said the Meeting Summary did not contain the presentation slides. Mr. O'Mara said the slides were really not that relevant because they were mostly talking points based on topics from Dr. Fisher's e-mail. Mr. O'Mara agreed with sending the entire Meeting Summary. Sarah Chavez also agreed with sending the entire February Meeting Summary, since most of the summary contained Mr. O'Mara's presentation. Shannon Beaucaire suggested sending an introductory letter with the Meeting Summary.
- Consensus was reached on sending Heidi Krapfl the February Meeting Summary that includes a summary of Mr. O'Mara's presentation and an introductory letter.
- John Bartlit said the introductory letter should outline the CEWG mission and introduce the context for sending the Meeting Summary. He felt it was important to emphasize the community dialogue. Mr. Bartlit agreed to write the letter, and Shannon Beaucaire will send the letter as an email. Dennis O'Mara provided Shannon Beaucaire with Heidi Krapfl's business card.

#### **ACTION ITEMS:**

- John Bartlit will draft an introductory letter to Heidi Krapfl and send to CEWG members for review with a response deadline of one week.
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- Shannon Beaucaire will send the letter and Meeting Summary via email.

#### **ADJOURN**

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**NEXT MEETING:** April 19, 2017, 5:15 to 7 pm, Corrales Senior Center.

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