

## FINAL MEETING SUMMARY

### Community Environmental Working Group

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

**Date:** November 14, 2018  
**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 Association in New Mexico  
 Sarah Chavez, Intel  
 Dennis O’Mara, Corrales resident, Corrales Residents for Clean Air and Water

#### Non-Members Attending

Lynne Kinis, Corrales resident, Corrales Residents for Clean Air and Water

Frank Gallegos, Intel

Jessie Lawrence, Facilitator

CJ Ondek, Recorder

#### HANDOUTS

- CEWG Draft Agenda
- October Draft Meeting Summary
- Action Item Progress Report
- November EHS Activity Report
- Intel Regulatory Inspections
- Draft ALS Panel Questions

#### PROPOSED AGENDA

- Welcome, Introductions, and Brief Items
- Standing Agenda Items
- NMDOH ALS Report
- CEWG Outreach to Intel Employees
- Intel NMED Emissions Permit History and Content Meeting
- Action Item Progress Report
- Adjourn

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 Prepared or presented by: CJ Ondek & Jessie Lawrence  
 Prepared for: CEWG  
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**WELCOME, INTRODUCTIONS, ANNOUNCEMENTS, BRIEF ITEMS**

John Bartlit opened the meeting by stating 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 comments.

**Meeting Summary—Revisions and Approval**

No comments.

**Other Announcements**

- Jessie Lawrence said the CEWG annual report would need to be completed soon, and now was the time to discuss work to compile it. Sarah Chavez said she usually initiated the process by taking a first stab at compiling the list of accomplishments and then circulating it to the group for feedback. They could discuss the annual report more in December and January.

**ACTION ITEM:** Sarah Chavez will begin compiling the CEWG annual report.

- Jessie Lawrence said she received an email on Sunday, November 11 from Dale Feik with Hillsboro Air and Water about a Children and Environmental Health training call held on Tuesday, November 13, between 10 and 11 am. Dennis O'Mara said he also received the email and sat in on the call. Mr. O'Mara said that the training was primarily about increasing awareness of the environmental impact on children's health in schools, at home, and in the general public. Dr. Maida Galvez, a pediatrician at the Mount Sinai School of Medicine Kristie Trousdale, Deputy Director of the Children's Environmental Health Network (CEHN), organized the training. Mr. O'Mara said he would share the training slides with the group. The group agreed to review the slides and further discuss if the CEWG should take any additional steps to follow up with the Center for Health, Environment, and Justice or Hillsboro Air and Water.

**ACTION ITEM:** Dennis O'Mara will share training slides with Jessie Lawrence who will send them to the group. The group will review the slides and decide if further action is warranted.

**Public Comment**

- Dennis O'Mara said he attended a funeral on Friday for Paul Mansfield, who lived in Pueblo Los Cerros and died of pulmonary fibrosis. He was in his 70s and used to be the

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general manager of KUNM. Lynne Kinis said he moved into the apartment complex the same time as she did, and he always stood up for what he believed in.

- Dennis O'Mara and Lynne Kinis raised the issue of Intel's recent release of nine hours of unabated emissions into the air. Ms. Kinis was concerned that Intel didn't inform first responders about the unabated emissions, and that the community wasn't fully educated about the release of unabated emissions.
- Dennis O'Mara said he raised the issue with NMED who seemed unconcerned. Sarah Chavez said there was no regulatory driver that required Intel to have redundancy. Lynne Kinis reminded that Intel didn't have any redundancy in the mid 90s, and it was from community pressure that Intel added in redundancy. Ms. Chavez agreed completely. Ms. Kinis said human life and well being should be Intel's primary concern, and it was a statement against Intel that they allowed chemicals to be emitted even though it wasn't on the permit.
- Dennis O'Mara said a few meetings ago the topic of phosgene came up, and he asked Intel's Mindy Koch why Intel had phosgene in its permit. She didn't have an answer. Mr. O'Mara said he wanted an answer so he called NMED, where he spoke with Ted Schooley, who was a manager there. Mr. Schooley couldn't answer the question either but said he would look into it and get back to him. A few weeks later Mr. O'Mara said he received a note from Kirby Olsen, the major source program manager at the Air Quality Bureau. Mr. O'Mara read from the note, which said that having phosgene in the permit did not imply that it was used by the Intel facility, only that its usage was allowed. Mr. O'Mara said he was not satisfied by this response, since his question was not about what Intel was using or was allowed to use but rather what Intel is emitting, so he called the regional Environmental Protection Agency (EPA) office in Dallas and spoke with Jeff Robinson, the chief in that office, and asked the same question: why was phosgene called out as one of 16 individually identified HAPs in the permit while the other 171 were not listed. Mr. Robinson told Mr. O'Mara that if a HAP was listed individually, it meant that it was being emitted. Mr. O'Mara said he believed Intel does not use phosgene in its manufacturing processes but that it does EMIT phosgene which is produced as a byproduct of chlorinated hydrocarbons being burning together. He said the question was simple and straightforward and could have been answered on the spot, but neither Intel nor NMED would do that. He reminded that three FTIRs found phosgene during the task force days, yet Intel and its contractors called these results "false positive readings."
- Sarah Chavez said Mr. Robinson's response was incorrect, that he could not speak for the Intel facility because he didn't know what it was emitting or what it was not emitting. Intel was allowed to emit all 187 HAPs. The permit had a line item that said individual HAPs not listed separately had a limit of 9 tons per year, and the remaining had a limit of less

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than 9 tons per year. The line item covered the 171 HAPs that had a 9 ton per year limit, so it was not necessary to list them all. Intel was not allowed to exceed 24 tons per year in total. She said that regulatory requirements might help explain why those limits were set and suggested saving this conversation for the permit discussion.

- John Bartlit “guessed” that phosgene was listed because it was a public issue in Corrales. Dennis O’Mara said he spent 45 minutes on the phone with Jeff Robinson, who walked him through so much complex information that “it made my head spin.” He said he was leaving the question on the table because he didn’t think phosgene was listed there “willy nilly.” Lynne Kinis asked how phosgene could be measured if it was a synergistic effect. Mike Williams added there was an “awful lot” of ignorance around the concentration amount of phosgene that was emitted and figuring out what really was a dangerous amount. Mr. O’Mara said that the allowable amount of phosgene exposure was .1 parts/million, and no one knew the health affects of a small amount of exposure to phosgene over time.
- Jessie Lawrence said that the topics discussed during this conversation could be discussed further in the future agenda items related to Intel’s NMED emissions permit.

## STANDING AGENDA ITEMS

### EHS Report

Sarah Chavez said there was nothing unusual this month in the EHS report. Dennis O’Mara asked about the MSDS report. Ms. Chavez said it was a report on chemical thresholds.

### Regulatory Engineering

*No update.*

### LEPC Update

Dennis O’Mara said the Sandoval County All Hazards Mitigation Plan was posted on the Sandoval County Web site at <https://www.sandovalcountynm.gov/hazards-mitigation-plan/>. The general public was invited to fill out a Community Feedback Survey, also posted on the Web site, that asked about the potential hazards and greatest risks in the County.

### UNM Cancer Study

Dennis O’Mara said that in one more month it would be three years since they had initiated the cancer study, which was disappointing because UNM already had all the data and only needed to analyze it. The last he heard the study was very close to being completed. They had to make some minor adjustments and then needed to finalize it.

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## NMDOH ALS REPORT PANEL/DIALOGUE

Jessie Lawrence suggested the group needed to discuss two issues: 1. The current status of panel questions and whether it was still possible to reach consensus on Question 5; and 2. Who to invite to be on the panel, and how to move forward with invitations. John Bartlit said that they needed to have a complete set of questions to move forward with the invitations.

- Jessie Lawrence gave a recap on the question status. Questions were sent out to the group via email after last month's meeting. Dennis O'Mara said he responded to that email saying he did not feel comfortable with any changes to the original language in Question 5.
- Sarah Chavez said she suggested the changes in an attempt to make the question as broad as possible to give the experts range to give their opinions. If the group wanted to make the question more directive, as it was in the original language, she believed it was a risk. She said she disagreed with the original language but would not block consensus if the group wanted to keep it.
- Dennis O'Mara asked what the advantage was of making the change. John Bartlit said the questions were for recruiting panel members and giving the impression of a fair and balanced discussion, and everyone would have the opportunity to express themselves. Mr. Bartlit reminded that during the actual panel meeting, the group could ask other questions.
- Dennis O'Mara said the basic problem with the study and report was that NMDOH did not answer the question that was posed to them in the initial request. The original question asked about prevalence in 12 Census tracts. Using the words "some and all" in Question 5 implied that Corrales Residents for Clean Air and Water didn't really mean what they originally asked for and diminished the issue. Mr. O'Mara clearly stated that he was not willing to compromise on this issue because it didn't make sense to him. He blocked Ms. Chavez's suggested change. **The result was that consensus was reached on the original wording to Question 5.**
- John Bartlit moved the discussion to recruiting panelists. He suggested inviting Andy Rowland, the UNM epidemiologist who spoke previously to the CEWG. He also suggested Will Athas, a second UNM environmental epidemiologist who spoke previously to the CEWG, but was concerned that the panel would get too large. Mr. Bartlit suggested inviting Andy Rowland first because he had spoken with him directly and he was interested, and Dr. Athas only if Dr. Rowland declined. He asked how many people the group would like on the panel.
- Dennis O'Mara said they ideally wanted the study author, Heidi Krapfl, to attend. He didn't know if she would come but hoped so. He said he communicated with Steve

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Dickens, who was willing to participate and was familiar with the issue. Mr. O'Mara said the other person he was in touch with was Dr. Elijah Stommel, from Dartmouth's Geisel School of Medicine. He was a neurologist and performs research on the possibility of environmental impact on ALS. He had a couple of ALS studies going right now, one funded by ATSDR, and was well known in ALS communities. Mr. O'Mara said Dr. Stommel would be a great contributor around ALS. John Bartlit said these four invitees—Rowland, Stommel, Dickens and Krapfl—would constitute a reasonable panel.

- Sarah Chavez said if they asked those five questions to the four people on the panel, and their responses were five or ten minutes on each question, and with additional questions, then they might run out of time. Dennis O'Mara said he was anxious to hear what experts had to say about the study. He said Heidi Krapfl was aware that Mr. O'Mara was critical of the study. He said he respected her capabilities but disagreed with the study's process. He was hopeful that panel feedback might help her agree on what additional work needed to be done on the study.
- Jessie Lawrence suggested discussing an approximate date. Dennis O'Mara said that Dr. Stommel indicated he was normally not available during the hours the CEWG meets, and he would not be available for the full two hours. He raised the issue with the group about meeting earlier in the day. Also, both Dr. Stommel and Steve Dickens would need to participate via computer video since both were on the East Coast.
- Sarah Chavez said they needed to find a venue with a strong Internet connection. The Old Church in Corrales did not have an Internet connection, so they were limited to having the meeting at the Senior Center or possibly Flying Star or Intel. The Senior Center might not be available during earlier hours. Dennis O'Mara said if push came to shove they could get Dr. Stommel to respond to the questions in writing. It wasn't as good as having him participate in person, since there would be no interaction with the others, but it was a possibility.
- Sarah Chavez asked about the downsides to changing the meeting time. John Bartlit said it might affect attendance. He reminded that they were thinking of holding the panel in January or February. Dennis O'Mara suggested the February meeting date and suggested a possible meeting time earlier in the afternoon to accommodate Dr. Stommel. Jessie Lawrence said they should check in with the other potential panelists to make sure there were no other conflicts. Mr. O'Mara suggested that if timing were a barrier, perhaps Dr. Stommel would be willing to participate even for a short period of time to provide his feedback.
- Jessie Lawrence asked if Mr. O'Mara was comfortable extending invitations to his contacts for a February panel discussion. Mr. O'Mara said Steve Dickens already agreed to either a

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January or February time frame, and that he would send Jessie Lawrence contact information on his invitees when necessary to handle the logistics. John Bartlit said he would reach out to Andy Rowland.

- Jessie Lawrence suggested that she could reach out to Heidi Krapfl and asked whether the group wanted to work around her schedule as well. Mr. O'Mara said to extend the invitation now with a tentative day and time and let her know that the CEWG was working to coordinate schedules.
- John Bartlit asked if they should mention the other panelists in the invite. Sarah Chavez said yes, since it was going to be public information anyway, and it was a common courtesy. Jessie Lawrence said that they would be more likely to be successful with the invitations if they included the names of the other potential participants.
- Sarah Chavez asked if they would keep the schedule in accordance with the third Wednesday of the month—the regular CEWG meeting schedule—and then to adjust the time. The group said yes.
- Jessie Lawrence confirmed that they would aim for a February meeting date during a regularly scheduled CEWG meeting, with the possibility of adjusting the meeting time to account for scheduling conflicts. She said that she would draft information to be shared with all panelists, including a brief summary of the ALS study, the questions, and that the panel's purpose is to learn more and get a diversity of perspectives.

#### **ACTION ITEMS:**

1. John Bartlit and Dennis O'Mara will send contact information on panelists to Jessie Lawrence.
2. John Bartlit and Dennis O'Mara will contact their potential panelists with the invitation and potential meeting schedule.
3. Jessie Lawrence will contact Heidi Krapfl with the invitation and potential meeting schedule.
4. Jessie Lawrence will draft information to be shared with all panelists including the panel purpose, the questions, and a summary of the study.

#### **CEWG OUTREACH TO INTEL EMPLOYEES**

Jessie Lawrence stated that the main question on this agenda item was whether there were any updates regarding how CEWG outreach to Intel employees might look.

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- Sarah Chavez said that Intel would share information in a couple different ways: the “restroom reader” and via email. The CEWG had to agree on final language, and if Intel needed to shorten the language the CEWG could approve any modifications. For example, Intel had a one-page “restroom reader” with limited space, and any information would need to be shortened, since the space was shared with other information.
- John Bartlit said the language was finalized at the last meeting. Sarah Chavez said she would share this final language with Intel’s Communication Department. Ms. Chavez recommended sending the email to Intel employees after the holidays, in January. Mr. Bartlit suggested sending it out more than once. Ms. Chavez agreed that was possible.

**ACTION ITEM:** Sarah Chavez will share final language around CEWG outreach to Intel employees with Intel’s Communication Department, with the goal to distribute it to employees after the holidays, as discussed.

### **INTEL NMED EMISSIONS PERMIT HISTORY AND CONTENT**

Jessie Lawrence gave an update on this agenda item. She said she spoke with NMED about the CEWG’s future agenda items regarding Intel’s permit and shared with them the bullets listed under #1. NMED said they could not come to a CEWG meeting but would welcome people to come to their Santa Fe office during business hours for an hour or two to discuss the permit process and share information. NMED said they could provide overview information on the bullet points on the permit and regulatory process. They said Intel staff would be better situated to present specific information on their existing Intel permit. NMED would be willing to field other questions after that presentation by Intel staff. NMED said they could meet in December and asked for a few possible meeting times that would work for CEWG members. John Bartlit said the CEWG had met with NMED in Santa Fe in the past.

- Dennis O’Mara said he was surprised that NMED deferred to Intel about the permit. Jessie Lawrence suggested that it was because it was about the specifics on Intel’s permit. Sarah Chavez reminded that Intel had this permit in place for years, and it was specific to Intel’s equipment. Because they had been operating under the permit for so long it was easier for Intel to speak about the specific conditions and how they comply with it. She said permit writers who previously worked with Intel were no longer at NMED, so no current NMED permit writers are familiar with the specific details of the permit.
- Sarah Chavez said Intel did not have an assigned person at NMED because Intel hasn’t had a permit change in years. NMED didn’t have anyone on board who could answer specific questions on Intel’s permit. John Bartlit said NMED lost their corporate memory due to agency turnover. Sarah Chavez she remembered at least 6 or 7 permit writers over the

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years. Mike Williams asked if there was going to be further staff changes based on the new governor's administration. Sarah Chavez said the agency head (not the Air Quality Bureau Chief) might change, but the staff would most likely remain the same.

- Jessie Lawrence asked if people were willing to travel to Santa Fe for a meeting at NMED in addition to the regular CEWG December meeting. The group said yes. Ms. Lawrence said NMED asked the CEWG to provide a list of four or five potential dates to send to them to choose from. Ms. Lawrence said she would send an email to CEWG members to get that list, and then send an email to NMED to work out timing details. Sarah Chavez said that NMED had the capability to set up a phone meeting for people who could not attend in person.

**ACTION ITEM:** Jessie Lawrence will follow up with group via email to choose four or five potential dates to meet with NMED. She will email NMED with this list and work to solidify a date that works best for everyone.

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

- Sarah Chavez said #2 was completed and referred to the handout that contained a list of regulatory inspections over the last few years.
- Sarah Chavez asked to add a note to items #3, #4 to document why these items were pending—waiting for National Guard response. She asked that item #5 also include a reference—pending emergency management notification on the agenda.
- Sarah Chavez said items #9, #10, #12 were completed
- John Bartlit said item #6 was completed.

#### **ADJOURN**

**NEXT MEETING:** December 19, 2018, 5:15 to 7 pm, Corrales Senior Center.

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