

FINAL MEETING SUMMARY

Community Environmental Working Group

“Striving for Continuous Environmental Improvements at Intel”

Date: April 18, 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

Ron Epps, Intel
Marcy Brandenburg, Rio Rancho Resident
Jeff Radford, *Corrales Comment*

Jessie Lawrence, Facilitator

CJ Ondek, Recorder

HANDOUTS

- CEWG Draft Agenda
- March Draft Meeting Summary
- Action-Item Progress Report
- EHS Activity Report
- Compiled Rationales for NM National Guard
- Draft Email to NMDOH

PROPOSED AGENDA

- Welcome, Introductions, and Brief Items
- Standing Agenda Items
- New Mexico National Guard Testing
- NMDOH ALS Report
- Action Item Progress Report Review
- Adjourn

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WELCOME, INTRODUCTIONS, ANNOUNCEMENTS, 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 comments.

Meeting Summary—Revisions and Approval

No comments.

Other Announcements

- Jessie Lawrence said a group working on tree preservation contacted her through the Senior Center to ask permission to borrow the CEWG projector, and that permission was granted. They would be borrowing the projector next week. John Bartlit added that he and Sarah Chavez thought it would be a good idea to not lend the projector to groups outside the Senior Center. Jessie Lawrence said next time she received a request she would email the entire group to get their approval.
- Dennis O'Mara brought the cartoon that was published in the *Corrales Comment* several months ago that went along with a correction letter written by the CEWG in response to a wrongly identified chemical in the Meeting Summary. He shared his cartoon with the group.

Public Comment

- Marcy Brandenburg said she learned recently that she had pulmonary fibrosis. The only chemicals she had been exposed to were from Intel. She had worked as a guidance counselor for 16 years, a coffee store owner less than a quarter mile from Intel for seven years, and a realtor. The reason she became a realtor was because not long after opening her coffee shop she became ill. That was when she became involved with Corrales Residents for Clean Air and Water (CRCAW). She also lived in a house about three miles west of Intel for about six years.
- Marcy Brandenburg said after she was diagnosed with this rare lung disease not caused from carbon monoxide and cigarette smoking, she got in touch with a woman who lived in Corrales for one year and was on 100% oxygen and awaiting a lung transplant and who was willing to go public. Ms. Brandenburg said she had backed off in her involvement recently due to personal issues, but now it was time for her to get back involved. She planned to go more public and speak with journalists and news media. She said had nothing to lose by not being private. Her new goal was to make people aware, including

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her pulmonologist and other medical personnel, of the apparent pulmonary fibrosis cluster in the Corrales/Corrales Heights/Rio Rancho areas.

- Marcy Brandenburg said that as a realtor she was bound by federal guidelines and under a code of ethics to notify anyone and everyone regarding her concern about homes and land sold in the area. She said soon she would contact the greater Albuquerque area realtors to notify them and was bound by federal law to do so. She also said she planned to become more involved with this issue and would attend CEWG meetings when she could. She said that this was her new pet project, and it almost felt like this diagnosis was meant to be.
- John Bartlit asked if there was a pulmonary fibrosis registry. Marcy Brandenburg said that she had contacted ATSDR about a registry and learned there was not a federal registry. Dennis O'Mara said New Mexico did not have a state registry. Rather they had different reporting categories that were more general to accommodate reporting of a variety of diseases caused by environmental factors. Ms. Brandenburg said there was also a pulmonary fibrosis support group that she planned to contact to get more information as well as to spread more information.
- Dennis O'Mara said his sister currently lived in Los Alamos and was seriously considering moving to Corrales and possibly the condominium units where Lynne Kinis lived. Mr. O'Mara said he advised her not to move there. He said he is now aware of three new cases of pulmonary fibrosis.
- Dennis O'Mara said he had read the 2011 NMDOH report on pulmonary fibrosis, and of the 10 reported cases, only one was confirmed; one case was diagnosed before moving to Corrales. Of the remaining eight cases two were classified as probable because medical records were not adequate to confirm them. The remainder were determined to be something else. The report didn't say whether investigators had checked death certificates or consulted hospitalization data or any other data sets. Mr. O'Mara said that on the surface it appeared that they only gathered the information directly from community members. He said he would try to find out if researchers pursued other data sources.

STANDING AGENDA ITEMS

EHS Report

- Sarah Chavez asked the group if they had any questions on the EHS Report. Marcy Brandenburg asked what kind of weed killer Intel used. Ms. Chavez said she did not know and would have to ask. In the past the CEWG had gotten a list of these chemicals, and this information might be somewhere in the meeting minutes. Ms. Chavez said she would try to find this information. Ms. Brandenburg suggested Intel should consider not using any toxic chemicals.

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ACTION ITEM: Sarah Chavez would try to find out what chemicals Intel used in their landscaping.

- Jeff Radford asked how the Fab 11 production equipment related to chemical uses. Specifically, he had trouble understanding chemical use in relation to chip production. Sarah Chavez said she could not speak about production capacity levels tied to chemical use due to Intel's confidentiality rules.
- Marcy Brandenburg asked about "equipment movement," said it was too vague and asked for more specific information. Sarah Chavez said it depended on the project, and this kind of equipment referred to general maintenance equipment. Abatement equipment, thermal oxidizers, and scrubbers were reported differently, separately, and in more detail, so they would clearly know when abatement equipment was down.
- Marcy Brandenburg asked if Intel did groundwater well injections. Sarah Chavez replied that Intel did not do groundwater well injections.
- Dennis O'Mara asked about the "toxic organic management plan update." Sarah Chavez said this plan was required by all facilities regulated by the City of Albuquerque. It contained a specific list of chemicals that organizations needed to explain their management of in order to keep out of the wastewater. Intel didn't use any of these chemicals but were still required to provide a toxic organic management plan to show how they managed chemicals in general to prevent them from entering the wastewater.
- Marcy Brandenburg asked the last time the NMED had visited Intel. Sarah Chavez she would have to go back and look for this information. All regulatory agency inspections were noted in EHS Reports. Ms Brandenburg asked for a list that noted the last time all regulatory agencies—NMED, EPA, etc.—visited Intel to inspect compliance. She said she wanted this list as a way to check Intel's compliance with regulatory agencies. Ms. Chavez reminded that all the visits were noted in the EHS Reports and available on the CEWG Web site and she agreed to compile this list.

ACTION ITEM: Sarah Chavez will compile a list noting the last time all regulatory agencies visited Intel as a way for Ms. Brandenburg to check Intel's compliance.

Regulatory Engineering: No Update

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LEPC Update

- Dennis O'Mara said the LEPC met on April 11 at Alliance Data in Rio Rancho, located off Rte. 528. He said the building houses call centers for dozens of major companies.
- Dennis O'Mara said he had sad news to report. Chief Dave Bervin passed away suddenly the night before or day of the meeting. He didn't have any other information on this most unfortunate death.
- Dennis O'Mara said at the beginning of the meeting he addressed the issue of his being told at the previous meeting that LEPC meetings were not the venue for comments/questions about meeting presenters. The case in point at the last meeting involved a presentation by an Intel employee and a statement by another person at the meeting. He reiterated that he would continue to make similar comments and ask questions of any presenting organization. He said this assertion was met with silence. Also, Mr. O'Mara said Sgt. DePalma from the National Guard was not at the meeting, so he was unable to approach him about air quality testing.
- Dennis O'Mara said the primary item on the LEPC agenda was planning. The law required every LEPC to have a plan and prescribed what the plan should include. The local LEPC did not have a plan, although the County had a broader all hazards emergency operation plan that included many of the elements required in an LEPC plan, but it also had gaps. This plan was 130 pages long. Mr. O'Mara said he had reviewed the plan and with some modifications and additions, it could then be adopted by the LEPC. A subcommittee will be formed to make the necessary changes.

UNM Cancer Study

- Dennis O'Mara said he was hopeful the Cancer Study would be completed soon. The investigator just needed to aggregate the data and finish writing the final report.

NEW MEXICO NATIONAL GUARD TESTING

- Jessie Lawrence said Sgt. DePalma of the NM National Guard had not responded to her emails, and she had not heard from him since February. She could not contact him by phone because she did not have a phone number for him but was hopeful that they would hear from him eventually.
- Jessie Lawrence said she collected comments and writing for the rationale and validity sections for testing and attempted to put together a first draft to summarize the new protocol. This draft was included in the meeting handouts for discussion and revision as a group.

- Sarah Chavez clarified with Mike Williams page 1, paragraph 3, last line. She wanted to make sure if the comment accurately captured his thoughts as written. Mike Williams said it was fine as written.
- John Bartlit said many of the things developed in the protocol were most likely not interesting to the National Guard, but the CEWG needed it for their purposes as well as information from the National Guard. He said if they couldn't make contact with the National Guard he wasn't sure how to proceed. They hadn't been able to make solid contact with the Guard since Sgt. Jackson left.
- Jessie Lawrence said she tried to Google Sgt. DePalma a few months ago but didn't come up with anything. She would try again in an attempt to find a phone number.
- Marcy Brandenburg suggested trying to contact Sgt. Jackson again. Jessie Lawrence said he had transferred to another location and had other duties, but she would try to contact Sgt. Jackson. Dennis O'Mara said he would try to find contact information for Sgt. DePalma.

ACTION ITEM: Jessie Lawrence will attempt to contact Sgt. Jackson. Dennis O'Mara will attempt to contact Sgt. DePalma. Both would let the group know of any progress.

- Marcy Brandenburg questioned why the National Guard disappeared all of sudden. She added that her brain naturally went to conspiracy theories and that wouldn't change in this case until "the guy showed up."
- Mike Williams said he was concerned that the Guard thought this exercise wouldn't be useful to them. Dennis O'Mara said that the proposed testing provided them with a way to exercise their procedures, which Sgt. Jackson had stated previously would be useful to them.
- Jessie Lawrence said, assuming the Guard responded yes after finally making contact with them, what would be the next steps? Sarah Chavez said she and Mike Williams still needed to work on some of the other information from the Citizen's Protocol that didn't need their response.
- Jessie Lawrence asked the group their thoughts on the rationale document. Dennis O'Mara said he had comments on John Bartlit's rationale. Sarah Chavez said that Mr. Bartlit's specific language would not be in the document since it was a consolidation. Mr. O'Mara

said that he still wanted to comment on Mr. Bartlit's rationale. He thought that much of the language would discount efforts before testing even got off the ground since it addressed more of what could go wrong. He suggested pursuing the testing in a positive way. Mr. Bartlit said he wrote what he did to address the Guard's methodology and the high likelihood they wouldn't find anything because of the levels they looked for and the way they looked for them. He didn't want people to say that the CEWG set up the testing so the Guard would not find anything. By qualifying limitations before testing he wanted to avoid the CEWG's being discredited, and he wanted to clearly state why they were doing the testing and what they could or could not find up front and beforehand. Also, by addressing this issue before testing they could agree on these limitations. Mr. O'Mara said the results should be written up to clearly explain these issues.

- Marcy Brandenburg said they were living in a state that developed nuclear power so why didn't the CEWG reach out to Los Alamos Labs to use their state-of-art, gold-standard technology? She believed they had 80 FTIRs. John Bartlit responded that it wasn't so much about the technology but the way it was used. The Guard looked for emergency levels that were extremely dangerous. Ms. Brandenburg said Los Alamos most likely had monitors that captured all the chemicals. Mr. Bartlit said that Los Alamos and the Department of Energy were even more difficult than the Guard to work with. Ms. Brandenburg said it was an option. Mike Williams said he didn't know the people using FTIR equipment at Los Alamos, but he would try to find some names to see if it was possible.

ACTION ITEM: Mike Williams will investigate the possibility of using FTIR equipment from Los Alamos Labs.

- John Bartlit added that he was happy to proceed with the consolidated proposal. He said the purpose of the consolidated proposal was to gather general concepts. Jessie Lawrence said it was her intent to include all the comments with a bit of summarizing and rephrasing.
- Marcy Brandenburg commented on page 2, Sarah Chavez's section, about NMED annual testing. She asked if they could look up right now on the Web site the date of NMED's annual testing.
- Sarah Chavez replied that NMED required Intel do it themselves. Ms. Brandenburg said that no data was included with the comment about testing between 2001 and 2004. Ms. Chavez said the intent was to summarize what the permit required and that the testing had been done and when, and it was easy to include a link to more detailed information.
- Marcy Brandenburg asked Ms. Chavez why she didn't see a specific reason to do the National Guard testing. Ms. Chavez said she was neutral and neither disagreed with it nor

advocated for it. John Bartlit explained that the CEWG worked by consensus, and that a member could agree, disagree or abstain. Ms. Chavez was taking the neutral “abstaining” position, he said. Ms. Chavez added that she was working with Mike Williams to collect information on methods and testing, etc., so even though she was neutral she still contributed. Dennis O’Mara said having independent testing was important—they needed to verify the testing Intel had been doing themselves all these years.

- Marcy Brandenburg said she had stopped coming to CEWG meetings because she kept hearing the same thing all the time and felt her time was better spent talking to community members, journalists, and Intel employees. She also suggested reaching out to the Southwest Organizing Project again. She said sometimes you had to shake up the dance step to make progress, but she kept hearing the same old dance step. She said she had to evaluate the best use of her time and wasn’t sure if she would be attending CEWG meetings in the future. She said she saw bad things for people whose lives were seriously affected by emissions, including whistle blowers who came forward and gave up their reputations and jobs to save people and still got death threats.
- Jessie Lawrence asked how to proceed on the consolidated proposal. Sarah Chavez suggested working on it by email, having group members send any comments, and then making revisions to share with the group. John Bartlit said the document should contain everyone’s feedback.

NEW MEXICO DEPARTMENT OF HEALTH (NMDOH) ALS REPORT

- Dennis O’Mara provided an update on the status of the epidemiologists he had contacted to review the NMDOH ALS Report. He said he received one response from a reviewer that he shared with Heidi Krapfl. A result was that she changed one of the elements in the calculation. A second reviewer was in the middle of moving and promised a response before the May meeting. A third person promised a response soon. The fourth person has been extremely busy and let Mr. O’Mara know today that s/he would telephone him next week. Mr. O’Mara said he would send any input directly to Heidi Krapfl, and share this information with the CEWG after Ms. Krapfl completed her hoped-for revision.
- Dennis O’Mara asked that the CEWG not send the draft email to Heidi Krapfl until after he received all the feedback and sent it to her. He said he really wanted her to see the feedback and have an opportunity to consider incorporating it before cementing the results in a presentation and/or any response. He said that if he had not received the feedback by the next meeting, the CEWG email to Krapfl should go forward. John Bartlit said it sounded like a plan, and the group agreed with it.

REVIEW ACTION ITEM PROGRESS REPORT

- Jessie Lawrence addressed item #4, Intel's notification procedure, and said there were a few comments that suggested addressing this item in a more comprehensive way. Sarah Chavez said she had emergency management information as a future agenda item to talk about it more in more detail.
- Jessie Lawrence asked if they should find time on the agenda for some of these items and where to begin. Dennis O'Mara said he was most interested in learning what criteria existed for Intel's determining when and whether to report an incident or accident to local emergency responders. He said he did not see this as a proprietary or homeland security issue so it should be straightforward. He had expressed many times over the years his concern about failure to promptly report an incident that could get out of hand. He said he had been concerned about this for a long time. Sarah Chavez said she gave an update on these issues at the September meeting, but it made more sense to discuss them in more detail as an agenda item. She would bring back more information since the September meeting to share with the group. She said she might be able to get some information on the procedure but not the whole procedure, and that she would like to discuss the research on emergency response agencies and their responses.
- Dennis O'Mara asked how often Intel had an incident of any sort. Sarah Chavez said she couldn't say. Dennis O'Mara said he hoped that the time between incidents was fairly substantial. Ms. Chavez said part of the issue was defining the term "incident" and what was relevant to report.
- On item #3, Jessie Lawrence said she reached out to the Village of Corrales staff this week and introduced herself and the CEWG and said she was willing to answer any questions they might have. She had not heard back from anyone yet. Dennis O'Mara said the new mayor was a go-getter and he had invited her to a CEWG meeting at some point in the future. He added that she had been reaching out to different elements in community and he expected that she would agree to attend a CEWG meeting.
- Sarah Chavez updated item #5. She said in February she had explained about the wastewater permit and how Intel had to notify the Albuquerque/Bernalillo County Water Authority about any changes. The February notification was labeled confidential so she could not share that information, but she did want to share an example of what a notification would look like. For example, when Intel did maintenance on the cooling towers, that water had to be drained and resulted in a higher volume of water sent to the system, so they would have to notify the Water Authority. The cooling tower water didn't have to be treated since it was not water from the manufacturing process.

- Ms. Chavez asked that item #6, the Guard testing protocol, be listed as ongoing.
- Jessie Lawrence updated #8 and said she sent the names of the two epidemiologists who spoke to the CEWG 10 years ago by email. John Bartlit asked if they should send the NMDOH ALS report to these epidemiologists for comment. Dennis O'Mara said yes, "The more the merrier." He also suggested that in the event Heidi Krapfl changed the report upon recommendations from reviewers, the CEWG should send the revised version to Dr. Jonathan Samet to review again.
- John Bartlit said he would draft an initial email to contact epidemiologists from 2008 to ask if they would review the NMDOH ALS report.

ACTION ITEM: John Bartlit will draft an initial email to contact epidemiologists from 2008 to ask them to review the NMDOH ALS report.

- Sarah Chavez asked how long to keep the older items on the Action-Item Progress Report list. Although she didn't print the entire list, the list in its entirety still existed. Jessie Lawrence suggested going back one year. Everyone agreed with this suggestion.

ADJOURN

NEXT MEETING: May 16, 2018, 5:15 to 7 pm, Corrales Senior Center.