

DRAFT MEETING SUMMARY

Community Environmental Working Group

“Striving for Continuous Environmental Improvements at Intel”

Date: July 19, 2023
Time: 5:00–7:00 p.m.
Location: Remote: By Zoom and Telephone

Members Attending

John Bartlit, NM Citizens for Clean Air & Water
Emily Schmick, Intel

Dennis O’Mara, Corrales resident, Clean Air for All Now (formerly Corrales Residents for Clean Air and Water)

Non-Members Attending

Mindy Koch, Intel

Marc Kolman, Facilitator

CJ Ondek, Recorder

HANDOUTS

- CEWG Draft Agenda
- March Draft Meeting Summary
- EHS Activity Reports (April, May and June 2023)
- Pending and Completed Action Item Progress Report

PROPOSED AGENDA

- Welcome, Introductions, and Brief Items
- Public Comment
- Standing Agenda Items
- Intel: Responsible, Inclusive, Sustainable and Enabled (RISE) Report
- Adjourn

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WELCOME, INTRODUCTIONS, ANNOUNCEMENTS, BRIEF ITEMS

Marc Kolman opened the monthly meeting and read the group's mission.

Agenda—Revisions and Approval

No comments; agenda approved.

Meeting Summary—Revisions and Approval

No comments; Meeting Summary approved.

Announcements

- Marc Kolman provided an update on the CEWG Web site. He said Intel had received and were reviewing two proposals from a web site designer who is looking at WordPress and SquareSpace platform options and determining which one was best for the CEWG's purpose. No decision had been made yet.
- Marc Kolman said he had not yet followed up with Chuck Wiggins about contacting Jonathan Samet but he would.
- Dennis O'Mara said that Fred Marsh had passed away last week. Mr. Marsh had an intense case of COVID, fell and struck his head, and passed away the next day. Mr. O'Mara reminded that Fred Marsh was a chemist at a national lab and a community leader who helped organize Corrales Citizens for Clean Air and Water in the late 90s/early 00s. Fred Marsh's community advocacy efforts was included in the book *Boiling Frogs*.

Public Comment

- CJ Ondek asked that if this particular CEWG meeting was supposed to be a public meeting, then why wasn't the Zoom link available to the public. There was no link posted anywhere for the public to access. The link on the meeting agenda was incorrect, and nothing was posted on the Web site. Ms. Ondek said in past CEWG meetings that featured Mindy Koch as a presenter, members of the community showed up to listen. Tonight, no one from the community showed up, and the CEWG needed to ask themselves why. This was a problem. Ms. Ondek emphasized that she had mentioned this issue repeatedly over the last year—that the CEWG had challenges with communicating with the public. Clearly, nothing had changed. She said the CEWG needed to seriously address this issue if they wanted to remain relevant within the public eye.

- Dennis O'Mara said Intel required too long of an approval period to be able to post meeting topics in the advertisements printed in local media. The ads were generic and did not grab people's attention. John Bartlit agreed it was a problem.
- Marc Kolman said he thought the decision not to publish the link might be related to three years ago at the beginning of COVID in response to Zoom busters as per communication as he was being oriented to the CEWG Facilitator role. He thinks Zoom had addressed this challenge technically, and now controls were better. He also questioned the efficacy of the ads to invite people to attend CEWG meetings. He suggested the CEWG wanted to further think about ads and Zoom links in the next steering committee meeting.
- CJ Ondek further asked to correct the CEWG agenda by deleting the expired Zoom link that's written there, and replace it with the instruction to contact the facilitator directly for the link, and to place this same instruction on the Web site.

ACTION ITEMS:

1. The steering committee will discuss CEWG ads and Zoom link accessibility at their next meeting and consider assuring the Zoom information is current and more available to the general public.

ACTION ITEM PROGRESS REPORT

Emily Schmick reported on action Item 2022-10-19/2, Intel's final waste location. She said landfill waste went to the Cerro Colorado Landfill in Albuquerque. Hazardous waste went to Colorado, Texas, Minnesota, and Arizona at facilities operated by Veolia, Clean Harbors, and Evoqua depending on facilities. Hazardous waste was moved via a truck to the waste locations.

STANDING AGENDA ITEMS

EHS Report

- Emily Schmick summarized the April 2023 EHS Report. She said Intel production equipment was operating at 83.4% of factory capacity. Regulatory inspection meetings were held with Albuquerque Bernalillo County Water Utility Authority (ABCWUA) for the Q1 2023 wastewater meeting, and Occupational Safety & Health Administration (OSHA) was onsite to investigate a crane incident. Site events continued to be multiple cranes remaining onsite for the foreseeable future. Ms. Schmick said the following information was requested by or provided to regulatory agencies as part of permit or regulatory requirements: ABCWUA—February and March monthly ammonia reports, and the Q1 Wastewater Sampling report; Environmental Protection Agency (EPA)—2022 Annual Greenhouse Gas report; and New Mexico Environment Department (NMED) Petroleum Storage Tank Bureau (PSTB)—Notice for Secondary Containment Repairs. A

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Rio Rancho resident called to inquire as to when the eastern slope gate to the walking path would be open. Intel Public Affairs returned the call and left a voicemail the following day.

- Dennis O'Mara asked Ms. Schmick to expand on containment repairs. Ms. Schmick said anytime Intel made repairs to containments they were required to notify PSTB, who came onsite to inspect the repairs. The repairs were made to ensure the secondary containment remained in good shape. Repair examples were to the concrete berm structures surrounding above ground tanks.
- Emily Schmick summarized the May 2023 EHS Report. She said Intel production equipment was operating at 83.4% of factory capacity. One regulatory inspection meeting was held with NMED PSTB to inspect the installation of a new emergency generator. Site events continued to be multiple cranes remaining onsite for the foreseeable future, with possible noise. Ms. Schmick said the following information was requested by or provided to regulatory agencies as part of permit or regulatory requirements: ABCWUA—April monthly ammonia report; and NMED Air Quality Bureau—annual opacity observations of boiler exhaust. A neighbor in Zone 1 called looking for information about Intel's water wells. Intel Public Affairs returned the call on 5/9/23 and left a voice mail, discussed concerns with the neighbor on 5/12/23, advising them on resources for testing their own personal water well. The neighbor was concerned that Intel might be injecting wastewater onsite, which would impact their well water. Ms. Schmick stated that Intel did not do this practice.
- Emily Schmick summarized the June 2023 EHS Report. She said Intel production equipment continued to operate at 83.4% of factory capacity. Site events continued to be multiple cranes remaining onsite for the foreseeable future. Regulatory inspection meetings were with ABCWUA— annual inspection of wastewater systems, inspection of RR7 grease trap, and future development meeting; OSHA inspection due to noise levels complaints; and NMED PSTB inspection for a new emergency generator installation. Information requested by or provided to regulatory agencies as part of permit or regulatory requirements was: ABCWUA May monthly ammonia report, the 2023 H1 Semi-Annual Outfall Analytical report (this report was the required sampling report sent every six months), and a pretreatment system change notification. A Rio Rancho resident submitted an odor complaint to a fellow neighbor, who then notified Intel about the odor complaint. Intel Public Affairs returned the reporting neighbor's call and provided contact information for reporting concerns. In a second call, a neighbor called for historical information about the eastern slope walking trail. Intel Public Affairs returned the call and left a voicemail.

- Dennis O'Mara asked Ms. Schmick to further explain about the ABCWUA future development meetings. Ms. Schmick said these meetings were held regularly with ABCWUA as Intel moved toward expansion to discuss what it meant for the treatment process and relationship with ABCWUA. Mr. O'Mara next asked for an update on water pipeline construction progress from the western well with too much arsenic in its water. Mindy Koch said construction was completed and water flow start up activities were scheduled to begin this quarter. Mr. O'Mara asked about completion dates for Intel's plant upgrade and when production would start. Mindy Koch said production was happening now in Fab 11 X. Fab 9 was still undergoing construction, and production was planned for next year. She added that Fab 11 X and Fab 9 were two different parts of expansion, and Fab 11 X production would continue to remain in Fab 11X after Fab 9 was completed.

LEPC Update

Dennis O'Mara reported that an LEPC meeting was held on June 20. At the meeting he learned that the previous LEPC chair had left that position to be replaced by Jess Lewis, who had preceded the chair that had just resigned. Whether Mr. Lewis was an interim chair or permanent chair was unclear. Mr. O'Mara said about 15 people were present, and he seemed to be the only person representing the community. There was a lot of technical discussion about emergency management. One of the things he had asked to be a regular agenda item was a report on any incidents (none were reported at this meeting). A requirement for a local emergency planning meeting is to have a plan. Mr. O'Mara said a plan was prepared and finalized about 18 months ago, and LEPC requirements called for an annual review, which was now underway, and to which he had offered several comments. Among them were to add more details on the reporting process and how citizens could access these reports if they wanted more information. He felt that the plan was light on "community right to know" information. He said he tried to emphasize the need for a description of a process in the aftermath of any release or response to report to the public, and not just warning (which was essential), but an after-action follow up report that was made public. Mr. O'Mara said he was going to vigorously pursue getting the plan amended to provide more information to the public on their role and more.

INTEL: RESPONSIBLE, INCLUSIVE, SUSTAINABLE AND ENABLED (RISE) REPORT

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- Mindy Koch, the Intel Rio Rancho plant’s Corporate Services Site Manager, presented on Intel’s Corporate Responsibility Report and RISE goals. RISE stood for “**Responsible, Inclusive, Sustainable and Enabling.**” Ms. Koch defined these goal categories as follows:
Responsible: Revolutionize how technology will improve health and safety.

Inclusive: Make technology fully inclusive and expand digital readiness.

Sustainable: Achieve carbon-neutral computing to address climate change.

Enabling: Accelerate the ways we enable progress through our technology and the experience and passions of our employees as well as future generations.

- Ms. Koch outlined Intel New Mexico RISE highlights, captured below:
 - Responsible: \$400 million Intel spending with New Mexico-based businesses in 2022. Ms. Koch added that with expansion Intel was able to invest more in New Mexico, and much of that spending was with local construction companies, as well as with organizations that provided materials and supplies. In over 40 years in New Mexico, Intel had invested more than \$16.73 billion in capital to support operations—\$90 million of which were invested in 2022.
 - Inclusive: Intel worked to reach out to suppliers that were representative of the community. Intel’s direct spending with New Mexico-based diverse suppliers in 2022 was more than \$155 million. Ms. Koch said that Intel always had a strong interest in education investment, both with K-12 students and postsecondary students. Intel continued the Student Work Program, providing hands-on real world experiences for students to help prepare them to enter the workforce at graduation. Intel worked with local education institutions to reach New Mexico students with internship opportunities that gave them more marketable experiences.
 - Sustainable: Intel New Mexico was net positive in water use in 2022, restoring more water than the organization used in their operations. Intel met 100% of New Mexico electricity use with renewable electricity purchases and green attributes from multiple sources. Ms. Koch said Intel continued to support three water restoration projects in New Mexico: 1. Rito Peña Negras restoration project located in the Santa Fe National Forest restored 18 million gallons of water per year starting in 2023; 2. Water Resources Rio Grande Project located in the Upper Rio Grande Watershed that restored 118 million gallons of water per year in the Upper Rio Grande watershed; and 3. the Rio Grande 2020 Flow Restoration, which focused on the Middle Rio Grande in Central New Mexico.

- Enabling: Intel, the Intel Foundation, and employees donated \$1.3 million to New Mexico-based organizations in 2022, much of it in K-12 education. Intel gave grants and employees donated many volunteer hours to local organizations.
- John Bartlit asked if Intel worked with environmental groups in this water restoration work. Ms. Koch said the Public Affairs team coordinated this work. Partners were the National Forest Foundation, Audubon New Mexico, and Trout Unlimited. Intel worked to help these groups improve on their projects. Mr. Bartlit asked if Intel had a contract with these groups. Ms. Koch said the partnership took a “grant approach” to funding, in which proposals detailed a project and included metrics, and partners provided regular progress reports.
- Marc Kolman asked how the water restoration/reclamation process worked. Ms. Koch said the projects enabled increased flows, increased habitation of waterways, and were measured in keeping the waterways active. Grazing, mining, logging, etc. damaged waterways, and the projects worked to undo the damage and mitigate human impact. Restoring flows and putting water back into natural systems benefited aquifers as well as primary waterway channels that fed basins and reservoirs in the state, Ms. Koch said.
- Dennis O’Mara asked if the water Intel used in their operations was treated through the Albuquerque Bernalillo County Water Utility Authority (ABCWUA). Ms. Koch said that was correct, Intel used ABCWUA’s treatment plants, and then ABCWUA discharged the water. Mr. O’Mara commented although the water Intel used was not technically lost, it did take away from the local aquifer, which was a concern for many residents that lived near the plant. Some residents living near the plant experienced their wells running dry and had to redrill deeper to reach water.
- Dennis O’Mara asked about the volume of greenhouse gasses Intel emitted in 2022. Emily Schmick said she did not have that number handy, but Explore Intel should have this number posted on the Web site.
- Mr. O’Mara next asked at what academic level were the students that participated in the work program. Ms. Koch said the internships focused on students pursuing two- or four-year degrees. Also, there were programs for exposure to careers for students at the high school and K-12 levels.
- Ms. Koch said that Intel New Mexico was committed to hiring New Mexicans as part of an agreement with the state and continued to hire new employees. She cited the following hiring statistics:
 - Currently 2100 employees worked at the Rio Rancho site

- o Intel New Mexico hired 451 new employees at in 2022
 - o In 2022, New Mexico hires accounted for 63% of total new hires
 - o Since 1995, over 61% of Intel's new hires at the Rio Rancho plant were New Mexico residents
- Ms. Koch said that Intel New Mexico was committed to providing jobs for New Mexicans to stay in New Mexico and investing in education to well prepare New Mexico's students for the workforce. She discussed Intel's efforts around workforce development and inclusive pathways into the semiconductor industry. Intel worked closely with schools, community colleges and universities to develop the talent of the future and help pave pathways into the technology industry. For the K-12 STEAM education pipeline, Intel efforts focused around grade-appropriate programs. There were different avenues of support, such as grants, contributions to local school districts for STEAM education, supporting STEAM learning kits, and more. Intel volunteers also helped to facilitate classroom activities, she said.
 - Ms. Koch said that for community colleges and trade schools, Intel technicians have been part of innovative programs like Central New Mexico Community College's Mechatronics program and AI initiatives helped to foster new pathways into advanced manufacturing and technology in New Mexico. Ms. Koch said in the last couple of years, Intel had met with community colleges and trade schools and gave input into how to shape programs to better prepare students for work in the semiconductor industry. At the university level, Intel worked with local colleges and universities to help encourage the next generation of STEAM leaders, including offering internships and supporting career-ready initiatives. A key focus was how to bring more people into the field, she said.
 - John Bartlit asked if there was any component of regulatory engineering in these academic courses. He said developing regulations was an important aspect of developing new technology, and skilled regulators were needed in the industry. Ms. Koch said she didn't think these courses included anything specifically around regulatory engineering, but gave the example of an environmental health and safety program intern, who looked at environmental health and safety concerns as part of her studies. John Bartlit said more and more regulation would be done by AI inevitably, and to not forget that aspect of it either. Ms. Koch agreed.
 - Ms. Koch outlined the ways Intel invested in the community. She said Intel employees volunteered over 65,000 hours at New Mexico schools and nonprofits since 2018. Intel planned to hold an annual event where every Intel site around the globe planned an employee volunteer opportunity. At Intel New Mexico, they were looking to put employees out in the community and were leaning toward supporting park cleanups and

making green spaces available for all to enjoy. She added that this event was good for internal teambuilding and also provided benefits to the community.

- Ms. Koch said Intel, the Intel Foundation, and Intel employees supported over 200 New Mexico teachers, schools and nonprofits and contributed \$6.5 million to New Mexico schools and nonprofits since 2018. If an employee wanted to volunteer at their child's school, the schools also received a financial benefit. Ms. Koch provided an example of how Intel supported childhood literacy. Intel worked with Rio Rancho Public Schools on a literacy program called "Reading for Miles," which rewarded top readers with a bike, hand-assembled by an Intel employee. Students rose to the challenge, reading more than 380,000 minutes—more than 264 days—in just one month alone.
- Dennis O'Mara asked Ms. Koch to describe what "net positive water use" meant. Ms. Koch said this term referred to the accounting around Intel's investing in water conservation initiatives that benefited the local watershed to offset Intel's water usage and discharge.

UPDATE ON CANCER CONCERNS WORKING GROUP REPORT

- Marc Kolman said in May, 10 people from CEWG, Intel and Clean Health for All Now attended a meeting with Chuck Wiggins who presented a preliminary look at cancer statistics that was included in the preliminary cancer report. Meeting attendees provided some recommendations for the report.
- Marc Kolman said he spoke with Chuck Wiggins, who mentioned that the Cancer Concerns Group was meeting this Friday. Mr. Wiggins told Mr. Kolman he was hoping to present his report at the September CEWG meeting but at this point he was uncertain and could not commit to a specific date. Mr. Kolman said the expectation was for the meeting to be held in-person at a public location.
- John Bartlit asked how to proceed to organize the meeting in which Chuck Wiggins will present the Cancer Concerns report. Marc Kolman said Dr. Wiggins was not yet ready to commit to a date. Dennis O'Mara said that they needed advance notice to alert the public about the event. Mr. Bartlit said the CEWG in the past held meetings at the Old San Ysidro Church in Corrales, which was a well-known historic building in the community. Mr. O'Mara reminded that it was a 150-person occupancy limit.
- Marc Kolman asked how to promote the event. Should they develop a flyer, reach out in different ways? What populations did they want to reach and what message to get out? The message could come from NMDOH, Intel, CEWG. What was the best way to get the message out? John Bartlit suggested developing a program that broadened the interest.

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Ideas for outreach included a Press Release, an interview with local media, and announcement through CEWG's newsletter. An idea also included adding additional speakers to the agenda, perhaps from the Department of Health. Emily Schmick suggested discussing this topic at the next steering committee meeting.

Action Items

2. Plan with the CEWG Steering Committee for outreach, agenda and other actions for the upcoming Cancer Concerns Report.

ADJOURN

NEXT MEETING

TBD