

# ACTION-ITEM PROGRESS REPORT

## Community Environmental Working Group

*“Striving for Continuous Environmental Improvements at Intel”*

**Completed Action Items (includes items closed at previous meetings)  
 (numbering system refers to date initiated/number of Action Item for that meeting, items not identified were assigned prior to initiation of the numbering system)**

TASK	WHO	DATE INITIATED/ DATE COMPLETE	STATUS
Intel staff will provide more information about location-specific investigations in response to odor complaints in a written summary or at a future meeting.	Alex Lowry Erika Edgerly		Complete 1.20.21
Dennis O’Mara will share WC CAN meeting summaries for better understanding of that group’s work.	Dennis O’Mara		Added as standing agenda item
Jessie Lawrence will post the CEWG annual report on the website.	Jessie Lawrence		Complete 3.28.21
Dennis O’Mara, Jessie Lawrence, and Alex Lowry will communicate re Dennis’ concerns about Intel’s Executive Summary of its Risk Management Plan.	Dennis O’Mara Jessie Lawrence Alex Lowry		Moved to future agenda item
Alex Lowry will see if stack testing contractor can provide background information on testing to the CEWG.	Alex Lowry		Complete 7.21.21
CEWG members will continue work on a message in response to Intel’s expansion announcement.	John Bartlit All		Drafted 7.21.21
Jessie Lawrence will distribute the CEWG statement with the most recent changes for final review by CEWG members.	Jessie Lawrence All		Complete
Alex Lowry will obtain information about any accidents that have occurred at the loading docks and share that information.	Alex Lowry		Complete 8.18.21
Alex Lowry will obtain more information about how the results of the NMED Petroleum Storage Tank Bureau inspection are reported.	Alex Lowry		No response from NMED, 8.18.21
Erika Edgerly will follow up on Intel’s “electronic nose” research, including seeing if someone can speak to the CEWG.	Erika Edgerly		Report 8.18.21
Intel will provide Intel management staff distribution of the CEWG message related to the May expansion announcement.	Alex Lowry Erika Edgerly		Complete 10.4.21
Jessie Lawrence will send Marcy Brandenburg the CEWG message in response to Intel’s expansion.	Jessie Lawrence		Complete 9.16.21

Kurt Parker will provide the CEWG with a list of labs that might assist with grab sampling.	Kurt Parker		Complete 9.22.21
Sarah Chavez will provide more information on Intel's current emissions numbers.	Sarah Chavez		Complete 11.17.21
CEWG members will do research on labs for grab sampling.	All		Complete 11.17.21
At the next permit revision, Alex Lowry will ask NMED about revising item A102.B in the air permit to more accurately reflect the facility location.	Intel (Alex Lowry)		Complete 12.15.21
Emily Schmick will provide more information about the equipment used for an onsite perimeter walk on 11.8.21, as noted in the EHS report.	Emily Schmick		Complete 12.15.21
Jessie Lawrence will share CEWG and other attendee contact information with Chris Daul for County Commissioner Katherine Bruch.	Jessie Lawrence		Complete 12.20.21
Jessie Lawrence will contact ABCWUA to invite a staff person who can discuss technical details to a CEWG meeting.	Jessie Lawrence		Complete 1.5.22
Jessie Lawrence will prepare a first draft of questions for ABCWUA and send it via email for additions.	Jessie Lawrence All		Complete 1.5.22
Erika Edgerly, Sarah Chavez, and Jessie Lawrence will review and update the RFP and send to CEWG members to review and provide feedback. Jessie Lawrence will advise on networks to advertise the job opening.	Erika Edgerly, Sarah Chavez, and Jessie Lawrence		Complete 6.15.22
Marc Kolman will include the H-1 Semi-Annual Outfall Analytical Report as an agenda item at next month's meeting.	Marc Kolman	6/15/2022	Complete 7.20.22
John Bartlit will create a first draft at a recruitment tool, and Dennis O'Mara will contribute his ideas to the draft.	John Bartlit, Dennis O'Mara	6/15/2022	Complete 7.20.22
Dennis O'Mara will share articles on emerging science and the harmful effects of air pollution on health.	Dennis O'Mara	7/20/2022	Complete. Dennis shared several articles that were shared with the CEWG agenda committee
CJ Ondek will edit the flyer to be "scannable."	CJ Ondek	7/20/2022	Complete. CJ drafted revised verbiage that was shared with agenda committee and Dennis for review/comment.
Anyone wanting the full H1 Semi-Annual Outfall Analytical Report	All	7/20/2022	Complete. No requests for the report have been received
Alex Lowry will provide a list of chemicals Intel used in their semi-conductor process.	Intel (Emily Schmick)		Intel is not able to share this information. Item Closed 8/9/22.

CEWG members will continue research on grab sampling and other methods for emissions/regulatory engineering project and work on developing project process.	John Bartlit Dennis O'Mara		Grab sampling project is on hold until additional CEWG members recruited as per 6.15.22 meeting. Item closed.
Alex Lowry will share more information about Intel's Risk Management Plan, the Tier II fee, the Tier II report, and the Semi-Annual Air Emissions report.	Intel (Emily Schmick)		Move to future agenda items list. Item closed 8/9/22.
Jessie Lawrence will add the treatment of Intel water at ABCWUA to a future agenda.	Jessie Lawrence		Planned for February meeting. Closed in Feb 2022.
John Bartlit and Dennis O'Mara will work on a clarifying letter in response to the 10.26.21 ABQ Journal op ed on water treatment. Erika Edgerly will be a resource.	John Bartlit Dennis O'Mara Erika Edgerly		Item closed. Response provided to ABCWUA at Feb 2022 CEWG meeting.
Erika Edgerly will look into who at Intel could provide information about the process of removing arsenic from water used for manufacturing.	Erika Edgerly		Item closed. Response provided to ABCWUA at Feb 2022 CEWG meeting.
Sarah Chavez will check the proximity of Petroglyph National Monument for Section 16-B of the permit application.	Sarah Chavez		Response provided to Louis Scuderi 12/2021. Item closed.
Sarah Chavez will inquire why 1992 data was used in Section 16-S of the permit application.	Sarah Chavez		Response provided to Louis Scuderi 12/2021. Item closed.
Sarah Chavez will inquire about Louis Scuderi's question re Section 16-W of the permit application and the "MaxDCount" file.	Sarah Chavez		Response provided to Louis Scuderi 12/2021. Item closed.
Sarah Chavez will check if the modeling consultants are EPA certified.	Sarah Chavez		No EPA certification required. Item closed.
Sarah Chavez will inquire about the difference in Munters thermal oxidizer models currently used by Intel as well as try to find out the model numbers on the new thermal oxidizers that Intel is purchasing for expansion.	Sarah Chavez	2/16/2022	Response from Intel is available at <a href="http://www.cewg.org/miscellaneous-files/">http://www.cewg.org/miscellaneous-files/</a> . Item closed.
Sarah Chavez will inquire about the difference in scrubber models currently used by Intel as well as try to find out the model numbers on the new scrubbers that Intel is purchasing for expansion.	Sarah Chavez	2/16/2022	Response from Intel is available at <a href="http://www.cewg.org/miscellaneous-files/">http://www.cewg.org/miscellaneous-files/</a> . Item closed.
Sarah Chavez will verify whether the list of sampling requirements was included in the H-1 Semi-Annual Outfall Analytical Report that was posted on the Explore Intel Web site, and if so she will add the link to the meeting summary.	Sarah Chavez	6/15/2022	Response from Intel is available at <a href="https://www.exploreintel.com/newmexico/#materials">https://www.exploreintel.com/newmexico/#materials</a> . Item closed.
Dennis O'Mara will review and prioritize the agenda item list.	Dennis O'Mara	6/15/2022	Complete as of 8.9.22
Sarah Chavez will confirm locations where the Intel community contact number was posted.	Sarah Chavez	7/20/2022	Number posted in monthly CEWG newsletter and CEWG website.

Dennis O'Mara will send his questions about Intel plant update in writing to Intel through Marc Kolman, and Intel will respond most likely in a letter format.	Dennis O'Mara, Sarah Chavez	7/20/2022	Response from Intel is provided with August 22 meeting materials and is available at <a href="http://www.cewg.org/miscellaneous-files/">http://www.cewg.org/miscellaneous-files/</a> . Item closed.
2022-8-17/1 Marc Kolman will add public communication to the list of future CEWG agenda items	Marc Kolman	8/17/2022	Addressed with Agenda Setting Cmtee.
2022-8-17/2 Marc Kolman will facilitate finalizing the CEWG recruitment flyer, including wording and design, with the group via email.	Marc Kolman	8/17/2022	Verbiage and design finalized with CEWG Agenda Setting cmtee. Verbiage forwarded to Carolyn O'Mara for layout.
2022-8-17/3 Marc Kolman will follow up with Kathleen Holmes Cates to get ideas for potential groups to invite to CEWG meetings.	Marc Kolman	8/17/2022	Marc contacted Kathleen Holmes Cates. Kathleen gave contact information for Muriel Carpenter (Enviro Justice Concerns Caucus, NM Democratic Party). Following discussion with her, Ms. Carpenter has been added to the CEWG mailing list. Item closed.
2022-8-17/5 Marc Kolman will coordinate with Carolyn O'Mara on CEWG advertisement revisions.	Marc Kolman	8/17/22	Schedule and layout confirmed with Katelynn Loughrin (Intel). Ads finalized by Carolyn and forwarded to Katelynn on 8.31.22. Item closed.
2022-9-21/2 Dennis O'Mara will also try to learn what occurred at the September LEPC meeting.	Dennis O'Mara	9/21/22	LEPC report scheduled for Oct meeting. Item closed 10.19.22.
2022-9-21/3 Marc Kolman will add the LEPC meeting to the next month's agenda.	Marc Kolman	9/21/22	Item added to Oct agenda. Item closed 10.19.22.
2022-9-21/5 Marc Kolman will add this item (John Bartlit/Purdue Univ) to next month's meeting agenda.	Marc Kolman	9/21/22	Item added to Oct agenda. Item closed 10.19.22.
2022-9-21/6 Marc Kolman will add to next month's agenda: Discussion around Intel Oregon's implementation of a hybrid system and whether they would share this particular approach with other Intel facilities; Intel Oregon's work to use ozone to treat emissions to reduce NOX; and discussion about Intel NM's commitment to further reduce emissions in light of expansion.	Marc Kolman	9/21/22	Item added to Oct agenda. Item closed 10.19.22.
2022-9-21/9 Marc Kolman will update the website to include the newly approved flier and email the flier to CEWG participants to share with others.	Marc Kolman	9/21/22	Item complete 10.19.22.

2022-9-21/10 Marc Kolman will send Chuck Wiggins the newly approved CEWG recruitment flier.	Marc Kolman	9/21/22	Marc sent Chuck the flier. Item closed 10.19.22.
Jessie Lawrence will follow up on the status of potential participants for a dialogue about next steps related to the Cancer Concerns Committee report.	Marc Kolman Dennis O'Mara All	5/24/23	Cancer Concerns Work Group report presented by Chuck Wiggins at 7.20.22 CEWG meeting. Item complete as presentation made to invited participants on 5.24.23.
CEWG members will communicate to Jessie Lawrence their ideas about returning to in-person meetings.	All	3/15/23	Issue addressed during 12/2022 Planning Meetings. Item complete 3.15.23.
2022-9-21/1 Sarah Chavez will check whether or not an Intel employee attended the September LEPC meeting and if so, get an update on what occurred during the meeting.	Sarah Chavez	3/29/23	Issue concerns content of the meeting in addition to who was in attendance. A member of Intel's security team was present at the meeting and supplied meeting minutes. Item closed 3.29.23.
2022-9-21/4 Group members will review John Bartlit's email about Purdue University and contribute any thoughts or ideas that may emerge after reading the article and listening to the fireside chat.	CEWG members	3/15/23	John contacted leadership at the Purdue School of Engineering (Daniels and Chang) on 10/9/22. Item complete 3.15.23.
2022-9-21/7 Intel NM CEWG members and attendees will explore the above topics (Intel Oregon's work to use ozone to treat emissions to reduce NOX; and discussion about Intel NM's commitment to further reduce emissions in light of expansion) and provide more information on Intel Oregon's efforts.	CEWG members	3/15/23	Item addressed in 10/19/22 CEWG meeting. Item complete 3.15.23.
2022-10-19/3 John Bartlit will follow up with the new dean of engineering at Purdue, once that position is filled.	John Bartlit	3/15/23	Item complete 3.15.23. See also AI 2022-9-21/4.
2022-10-19/4 Emily Schmick will get specific particulate emission numbers for Intel Oregon and Intel New Mexico sites.	Emily Schmick	3/15/23	See exploreintel.com. Item complete 3.15.23.
2022-10-19/5 Marc Kolman will send a Doodle to CEWG members and Sarah Chavez and Frank Gallegos to schedule a series of online meetings in early December.	Marc Kolman	3/15/23	Meetings held the week of 12.5.22. Item complete 3.15.22.
2022-10-19/6 Marc Kolman will follow up with Chuck Wiggins on whether he will be ready to present at a November meeting.	Marc Kolman	3/15/23	Chuck attended the 3.15.23 CEWG meeting and intends to present final report as early as May 2023. Item complete 3.15.23.

2022-8-17/4 Marc Kolman will follow up with Chuck Wiggins about connecting with a UNM graduate student and getting a list of student organizations.	Marc Kolman	8.3.23	Marc contacted Chuck Wiggins on 9.6.22. Chuck responded 8.3.23 that he relayed the CEWG information to two students who worked with him, both have now moved on and he does not know if they ever took advantage of this opportunity. Item complete.
2022-10-19/1 The agenda team will add Intel's hazardous waste transport final location to next month's agenda.	Marc Kolman	7.19.23	This agenda item will be addressed at the 7.19.23 CEWG meeting. Item complete 7.19.23.
2022-10-19/2 Emily Schmick will report on the final waste location	Emily Schmick	7.19.23	This agenda item will be addressed at the 7.19.23 CEWG meeting. See 2022-10-19/1. Item complete 7.19.23.
2022-10-19/3 Dennis O'Mara will inquire about whether sewage pipelines were included in the LEPC's pipeline exercise.	Dennis O'Mara	7.19.23	LEPC update scheduled for 7.19.23 meeting. Item complete.
2023-3-15/1 Marc Kolman will add LEPC update to the agenda for next meeting.	Marc Kolman	7.29.23	Item complete 7.29.23
2023-3-15/2 Jeff Radford and Dennis O'Mara will work to combine their questions about site spills and site safety into a list to send to Emily Schmick to get answers.	Jeff Radford, Dennis O'Mara	7.19.23	Item complete per 4.17.23 email communication with Jeff Radford. Dennis provided comments to Emily.
2023-3-15/3 Jeff Radford will locate articles he had written on the above reports and send to Marc Kolman to share with attendees.	Jeff Radford	7.19.23	Item complete per 4.17.23 email communication with Jeff Radford. Items had been previously shared with the CEWG.
2023-3-15/4 Jeff Radford will send corrections to inaccuracies in the presentation to Emily Schmick.	Jeff Radford	7.19.23	Item complete 4.17.23. Duplicates Item 2023-3-15/2.
2023-3-15/5 Marc Kolman will post Emily Schmick's timeline to the CEWG Web site.	Marc Kolman	7.19.23	Item complete 7.19.23
2023-7-19/1 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.	Steering Committee	8.3.23	Issue discussed at 8.3.2023 Steering Committee meeting. Meeting links will be posted to both the CEWG newsletter and website. Item complete.

Alex Lowry will get more information to answer Dennis O'Mara's question about the abatement equipment shutdown and rerouting process.	Intel (Emily Schmick)	2.1.24	Discussed at 10/18/2024 CEWG meeting. Item closed.
2022-6-15/1 CEWG members would take individual action to reach out to organizations, etc. to recruit members.	CEWG members	2.1.24	CEWG is no longer a membership organization. Item closed 2/1/24.
2022-9-21/8 Identify potential experts to sit on a panel to discuss evolving science around low-level pollutant impact on health.	TBD	2.1.24	11/9/23 John Bartlit f/u email to Jon Samet. Item closed.
2023-3-15/6 John Bartlit and Chuck Wiggins will work together to craft an email to send to Jonathan Samet about participating in a panel discussion.	John Bartlit, Chuck Wiggins	2.1.24	John initiated email communication with Dr. Samet in 11.2022. Response from Dr. Samet on 8/4/2023. 11/9/23 John Bartlit f/u email to Jon Samet. Item closed.
2023-10-18/2 The CEWG steering committee will discuss how to deepen the new Web site's "searchable" function and invite Robin Kunz to the meeting.	Marc Kolman	2.1.24	Item discussed with Steering Committee at 12/2023 planning meetings. Item closed.
2023-10-18/1 Frank Gallegos said he would gather information on how Intel interacted with residents who lived bordering the fence line, including communication about pertinent issues, and report back to the CEWG.	Frank Gallegos	2.21.24	2/1/24 – Item to be addressed at 2/21/24 CEWG meeting.
2023-10-18/3 Emily Schmick will bring more details about the new air separation units at the next CEWG meeting.	Emily Schmick	2.21.24	2/1/24 – Item to be addressed at 2/21/24 CEWG meeting.
2023-5-24/1 Presentation of Final Cancer Concerns Report to be made to the CEWG by Chuck Wiggins. John Bartlit asked about having a full two-hour meeting on the report once it was finalized.	Chuck Wiggins	8.21.24	Item complete. Presentation/discussion held 8.21.24.
2023-7-19/2 Plan with the CEWG Steering Committee for outreach, agenda and other actions for the upcoming Cancer Concerns Report.	Steering Committee	8.21.24	Item complete. Presentation/discussion held 8.21.24.
2024-05-08/1 Sarah Chavez and Frank Gallegos will discuss providing the March EHS requested reports to Dennis O'Mara and report back in several days.	Sarah Chavez and Frank Gallegos	5.31.24	Action Item complete as per update from Frank Gallegos (5/31/2024). Intel will continue to follow our current process by providing the Semi-Annual Wastewater Report, Semi-Annual Air Emissions Report, Stormwater Air Emissions Report, Stormwater Pollution

			Prevention Plan, Air Permit, Wastewater Permit and the ISO 14001 Certification reports on Explore Intel.com <a href="https://www.exploreintel.com/newmexico/#materials">https://www.exploreintel.com/newmexico/#materials</a> . These reports have been reviewed for IP and are ok to share on the public website. Other reports need to be requested through the governmental agencies that maintain the documentation.
2024-05-08/4 Sarah Chavez and Frank Gallegos will discuss providing the April EHS requested reports to Dennis O'Mara and report back. See earlier Action Item.	Sarah Chavez and Frank Gallegos	5.31.24	Action Item complete as per update from Frank Gallegos (5/31/2024). Intel will continue to follow our current process by providing the Semi-Annual Wastewater Report, Semi-Annual Air Emissions Report, Stormwater Air Emissions Report, Stormwater Pollution Prevention Plan, Air Permit, Wastewater Permit and the ISO 14001 Certification reports on Explore Intel.com <a href="https://www.exploreintel.com/newmexico/#materials">https://www.exploreintel.com/newmexico/#materials</a> . These reports have been reviewed for IP and are ok to share on the public website. Other reports need to be requested through the governmental agencies that maintain the documentation.
2024-05-08/5 Dennis O'Mara will send the relevant segment from the corporate report of a Taiwanese manufacturer and look for the link to their most recent report.	Dennis O'Mara	5.31.24	Action Item complete. Taiwan Semiconductor Manufacturing Company's 2020 Corporate Social Responsibility Report can be found at <a href="https://www.tsmc.com/english/aboutTSMC/dc_csr_report">https://www.tsmc.com/english/aboutTSMC/dc_csr_report</a>

<p>2024-05-08/2 Frank Gallegos will provide the name of the monitoring equipment used by Intel when monitoring odors.</p>	<p>Frank Gallegos</p>	<p>12.18.2024</p>	<p>Intel's primary means of testing our Air Emissions is utilizing FTIR's at the outlet of the stack for each emissions source. Our 24/7 emergency First Responders utilize Honeywell Microclip XL 4 gas monitors when there is a community odor complaint as they walk the fence line to try and determine if the odor is coming from Intel. They also pull data from our onsite Meteorological Weather Station to determine direction of where the wind is blowing. They also verify that all air treatment systems are operating.</p>
---	-----------------------	-------------------	--