

Air Quality Permit Coordinator Intel/DEQ Hearing testimony for Permit number 34-2681

Sept 24, 2013

George Davis, Permit Writer
DEQ Northwest Region
2020 SW 4th Avenue, Suite 400
Portland, OR 97201

Dear Air Quality Permit Coordinator and Mr. Davis,

This is my second submission about the DEQ permit number 34-2681. I am submitting new documents: OSHA Fact Sheet on Crystalline Silica Exposure Health Hazard Information, Intel own document "Making Silicon Chips", Europe-wide study finds long-term exposure to even low levels of air pollution increases risk of lung cancer, A Coalition for a Livable Future Air Quality maps on Hillsboro pollution and an OPB article. The OPB Article's final line reports that DEQ could use its judgment to require additional controls if needed for fluoride emissions. I am asking that DEQ substantially enhance its permits requirements on all emissions by demanding that emissions of both air and water pollution into the community be monitored daily and continuously, by an independent agent. I request that all toxic air-emitting stacks have monitors that report all chemical emissions. Intel can well afford to pay for all monitoring as shown by my previous submissions handed in at the hearing. Intel Executives have made multi-million dollar salaries and received millions in stock options. Intel has multi billion dollar quarterly profit statements. In studying the illness caused by Intel facilities in other community it has become obvious that Intel is a highly toxic and poorly regulated industry. Silica exposure has not been studied at Intel facilities. I request that it be addressed. When the incinerators burn the solvent hexamethyldisilazane (HMDS), silica dust is released into the air. There is a distinction between crystalline shaped (sharp, pointed edges) and round-edged amorphous silica, with the preceding obviously being more dangerous to lung tissue. Most, if not all of the 14 tons of particulate matter in the Intel permit is silica dust from burning HMDS in the incinerators.

Please don't let Oregon's proud leadership in environmental safety be tarnished by a neutered DEQ. Oregon's Faustian bargain with Intel has allowed the cry of jobs and economic development to destroy rich farmland, gobble up millions of gallons of our pure water and poison the air shed of a large portion of a densely populated area of Washington County. It is possible to limit Intel's damage if only DEQ will put strict, non-partisan, monitoring requirement in place. I ask that all the previous complaints of damage Intel has caused in other community's be carefully reviewed before any permit is granted for the new expanded poison emissions Intel seeks within permit 34-26812. The book "Boiling Frogs" plus the remarks of Fredric Marsh (submitted by Dale Feik) are ample evidenced that any court appeal needs to carefully consider their reported findings. It is clear from these reports that poison is being exhausted into our community. I request that Intel's assessment be measured against the standards of a major source polluter. It is not now nor has it ever in actually been a minor source polluter. The internal Intel guesses at approximate pollution emissions are based on models carefully designed to keep Intel under the limit for a major source polluter not baised on actual facts. I request that DEQ get actual facts from a reliable, third party company that will put in place stack monitoring to assess actual releases on a daily and continuous basis. Daily and continuous limits must be established and monitored to keep the community safe.

Sincerely,

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