

Submitter: Sally Visher

On Behalf Of:

Committee: Joint Committee On Semiconductors

Measure: SB4

I have been living in the Stafford Tualatin CPO for 35 years and have been a past president of the CPO organization for about 10 years. The development of Semiconductors in valuable farmland would impact immensely the present and the future. The impact they have on the environment is well researched as stated below.

As the Guardian stated in Sept. 2021-

"In the US, a single fab, Intel's 700-acre campus in Ocotillo, Arizona, produced nearly 15,000 tons of waste in the first three months of this year, about 60% of it hazardous. It also consumed 927m gallons of fresh water, enough to fill about 1,400 Olympic swimming pools, and used 561m kilowatt-hours of energy."

Chip manufacturing, rather than energy consumption or hardware use, "accounts for most of the carbon output" from electronics devices, the Harvard researcher Udit Gupta and co-authors wrote in a 2020 paper.

Is this the Oregon we are trying to create or is it the reverse of our environmental past? Our water, air and soil is precious for this generation and the future generations. Please protect valuable farmland so close to a large metropolis as we have in the past.