


Dear Co-Chair Sollman, Co-Chair Bynum, and Members of the Joint Semiconductor Committee:

Subject: **Stafford/Borland/Rosemont Semiconductor facility proposed site.**

My name is RJ Cook, current steward of the JP and Susie Family Farm. 123-year old National Register Listed Century Farm and State of Oregon and Clackamas County Heritage Tree Gove Property in Stafford Area. I appreciate the opportunity to update information about the Stafford/Borland/Rosemont Semiconductor facility proposed site. I want to bring to your attention important information that will help expedite your evaluation of this area that does not meet criteria and should be removed for consideration:

(From Clackamas County Letter submitted to Joint Committee):

Unincorporated Clackamas County 	Located south of Lake Oswego, west of West Linn and east and north of Tualatin and bordered by I-205 to the south. Shown on county map below in green as "Stafford/Borland/Rosemont" and located within an Urban Reserve.	Approximately 3,400 Substantially Less Developable Acres
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Clackamas County - Stafford/Borland/Rosemont - Poor Option

- * Environmentally Fragile**
- * Fiscally Unattainable.**
- * Legal Constraints**
- * Transportation Insufficiencies.**
- * Think Outside the "Chip"**
- * Regional Safe, Secure Food Source**

- Environmentally Fragile- 4 out of 5 largest greenhouse gas producers surround area (see attachments below)
28% of Clackamas County GHG contributed by Lake Oswego, Tualatin, West Linn and Wilsonville.
Stafford Hamlet has proposed a Regional Carbon Sequestration Zone for the area. "huge carbon foot print, chip manufacturing also contributes to the climate crisis. It requires huge amounts of energy and water a chip fabrication plant, or fab, can use millions of gallons of water a day – and creates hazardous waste." <https://www.theguardian.com/environment/2021/sep/18/semiconductor-silicon-chips-carbon-footprint-climate>
- Fiscally Unattainable- No city that has potential jurisdiction over this area can efficiently or cost-effectively even with federal dollars provide services to this area. 2018 estimate by speculators was \$2.8 Billion dollars to provide infrastructure.
- Legal Constraints- Even after Metro, Clackamas County, Cities of Lake Oswego, Tualatin and West Linn finalized 2017 five party and 2019 three party Intergovernmental Agreements, there is still pending appeals at the Oregon State Court of Appeals.
- Transportation Insufficiencies-I 205 improvements and expansion projects are years away, with the earliest projections if funding package secured, completion would be LATE 2028. (6 years away) Examples of development costs- Childs Rd and Johnson Rd – Signal and road improvements -2023 \$12-\$14 million without any develop.
- Think outside the "chip", 57 Industrial Buildings for Sale in Portland, OR (see below)
- Regional safe, secure, food source: A Rural/Urban Interface thru Active Agriculture plan.
Resulting with a safe, secure, environmentally sound local food source for the region, while protecting watersheds, wildlife and open space for a sustainable lifestyle

Economic development in Clackamas County should be achieved by appropriate, clearly vetting oversight of all criteria and place where is fits and is overwhelming welcomed.

Appreciate the opportunity to voice our family concerns about the area's rich agricultural history and very key roll it fills for the community and region.

- Please remove Stafford/Borland/Rosemont locations for consideration of Semiconductor sites.

RJ Cook
18451 Stafford Rd
Lake Oswego

4 of the top 5 Greenhouse Gas Producers in Region
that surrounds Stafford/Rosemont/Borland site
proposed for Semiconductor Site.

Table 3: Summary Table of Clackamas County 2018 Estimated GHG Emissions by City.

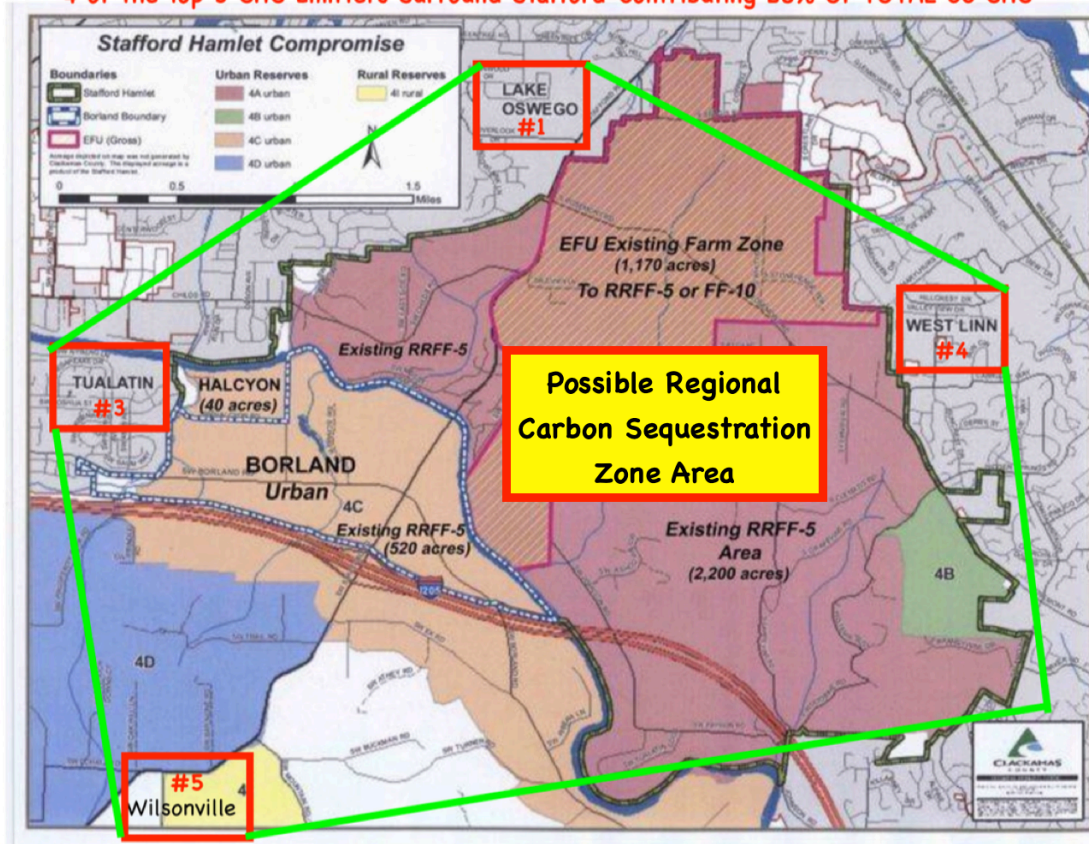
	City	2018 Population	2018 GHG Emissions (estimated)
	Barlow	135	1,231
	Canby	16,800	153,237
	Estacada	3,400	31,012
	Gladstone	11,880	108,360
	Happy Valley	20,945	191,044
	Johnson City	615	5,610
1.	<u>Lake Oswego</u>	38,215	348,567
	Milwaukie	20,525	187,213
	Molalla	9,625	87,792
2.	Oregon City	34,860	317,966
	Rivergrove	372	3,393
	Sandy	10,990	100,242
3.	<u>Tualatin</u>	27,602	251,764
4.	<u>West Linn</u>	25,830	235,601
5.	<u>Wilsonville</u>	25,250	230,311
	Unincorporated	169,031	1,541,769
	County-Wide Totals	416,075	3,795,112
	County-Wide Average per Capita GHGs		9.1

4 of the top 5 GHG Emitters Surround Stafford-Contributing 28% 1,066,243 of 3,795,112 total

Stafford Hamlet and CPO held a joint meeting with 4 neighboring cities to discuss a
Regional Carbon Sequestration Zone to assist in County and State Climate goals.

Waiting on Clackamas County to complete its Climate Action Plan.

4 of the top 5 GHG Emitters Surround Stafford-Contributing 28% OF TOTAL CC GHG



Additionally – “semiconductor industry is trying to grapple with its huge carbon foot print
 “They’re integral to electric vehicles, solar arrays and wind turbines. But chip manufacturing also contributes to the climate crisis. It requires huge amounts of energy and water – a chip fabrication plant, or fab, can use millions of gallons of water a day – and creates hazardous waste.”¹

Think outside the chip- (smaller sites and/or clustering of properties)

