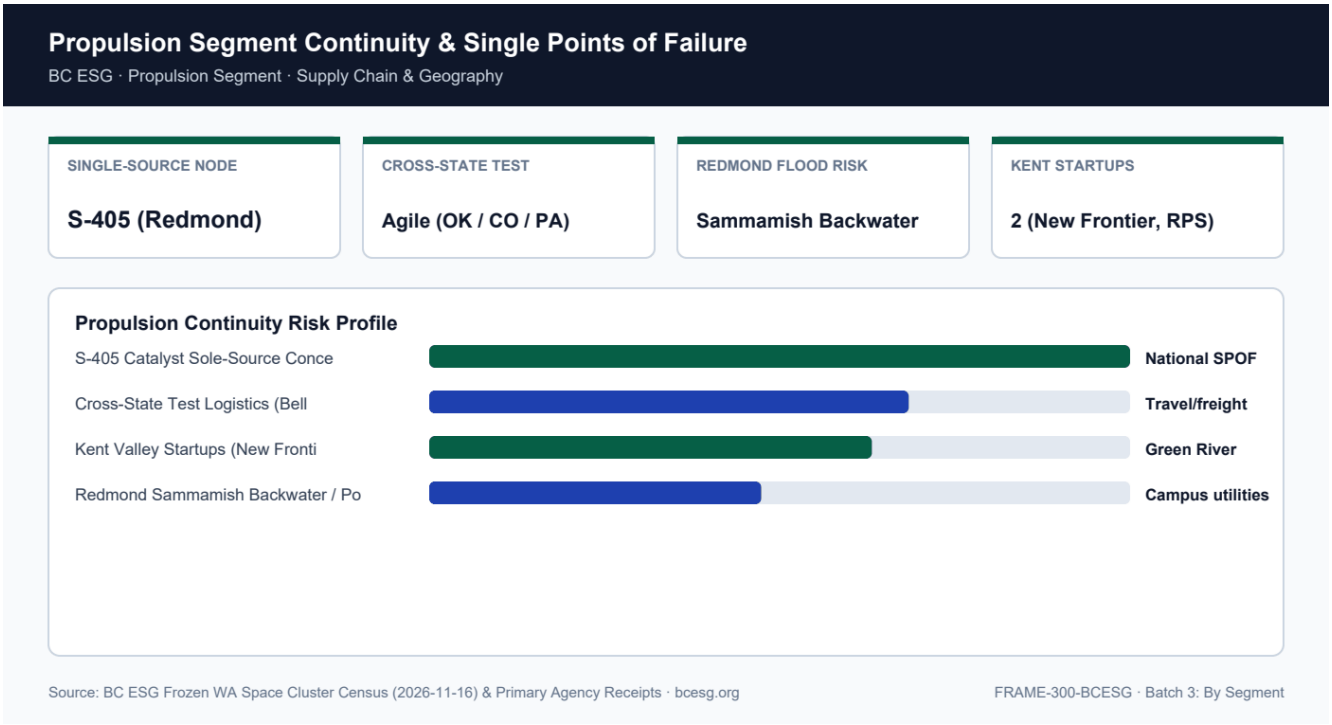
Propulsion Continuity: Redmond Campus, Bellevue Office & Off-Site Test Stands

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Verification & Scope Baseline: Aerojet Redmond (11411 139th Pl NE) is a national S-405 catalyst single point; Agile depends on OK/CO test stands; 5 startups sit in Kent/Seattle/Kirkland.



Continuity Vector	Operator(s)	Geographic Node	Impact
S-405 Sole-Source Production	Aerojet Rocketdyne (L3Harris)	Redmond, WA	National spacecraft thruster bottleneck
Out-of-State Test Dependency	Agile Space Industries	Bellevue <-> OK/CO/PA	Schedule sensitivity to inter-site shipping
Green River / SODO Exposure	New Frontier, RPS, Juno, Reach	Kent / Seattle	Early-stage lab & tooling interruption

Single Points of Failure Beyond Local Floodplains

Propulsion continuity in Washington centers on **supply-chain specialization** as much as geography. Because Aerojet Rocketdyne in Redmond is the sole-source manufacturer of S-405 hydrazine catalyst, any prolonged utility, hazardous-waste permitting, or seismic disruption at 11411 139th Pl NE ripples across national NASA and DoD satellite schedules.

Meanwhile, Agile Space Industries insulates Bellevue from hot-fire permitting risk by running test stands in Tulsa, OK and Durango, CO—trading local environmental exposure for cross-state test-campaign logistics.

Verified Primary Sources & Internal Bridges

• City of Redmond Natural Resources: https://www.redmond.gov/224/Natural-Resources

- L3Harris Technologies: https://www.l3harris.com/
- Agile Space Industries: https://agilespaceindustries.com/