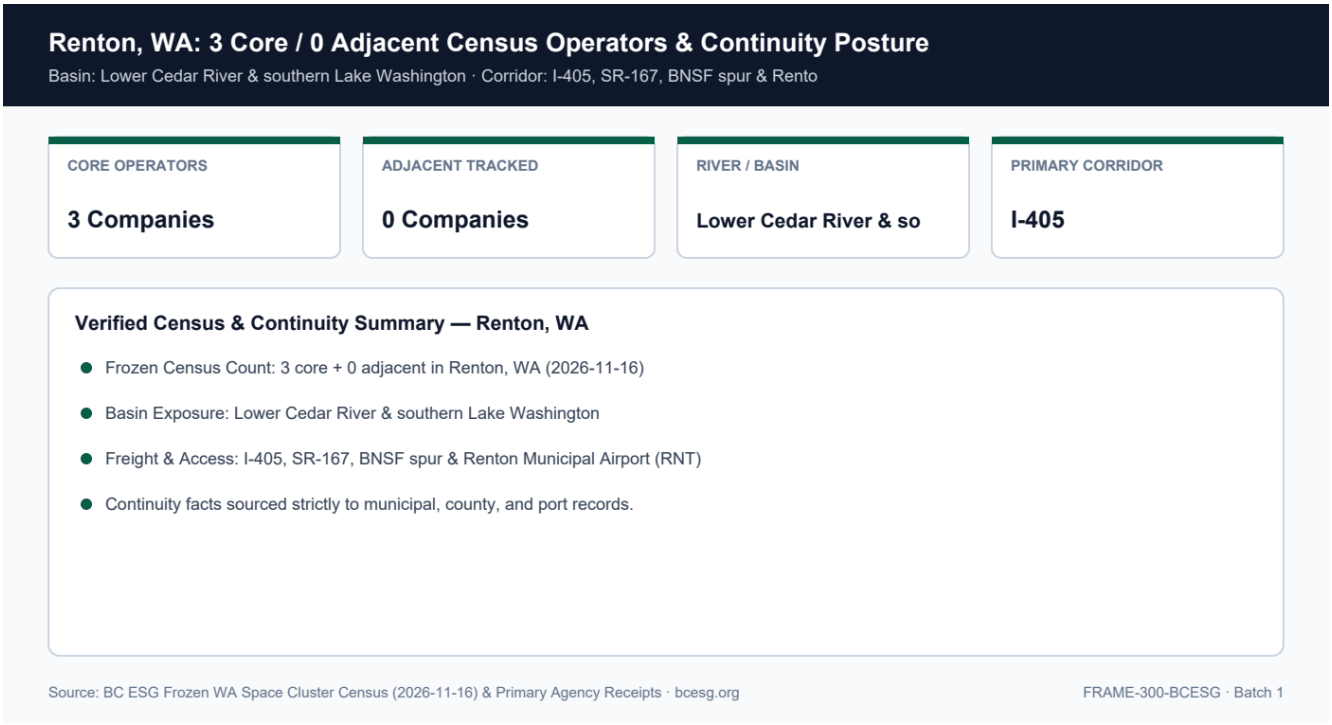
Renton, WA Space Cluster Profile: Engineering Campuses, Spaceplanes & Cedar River Corridor

Published: November 16, 2026 · Canonical URL: https://bcesg.org/renton-wa-space-cluster-profile/

Verification & Scope Baseline: BC ESG's frozen census records 3 core and 0 adjacent space-cluster rows in Renton, WA as of 2026-11-16. Continuity exposure below reflects primary records specific to Renton only.



ID	Company	Segment	Tier	Verified Facility
WA-SPC-001	Blue Origin	Launch	core	Kent, WA (HQ & manufacturing) / Renton, WA
WA-SPC-004	Radian Aerospace	Launch	core	Renton, WA
WA-SPC-052	The Radiation Team	Components & Suppliers	core	Tukwila, WA / Renton, WA

Who Is Actually in Renton, WA (Frozen Census Roster)

Renton hosts three core census entries: `Blue Origin` (regional engineering and R&D campuses complementing its Kent HQ), `Radian Aerospace` (horizontal-takeoff/landing orbital spaceplane developer), and `The Radiation Team` (space radiation testing and hardening split with Tukwila) (`CLM-01`, `CLM-15`).

Continuity, Flood & Freight Corridor Exposure in Renton

Renton's industrial core sits where the lower 1.25 miles of the Cedar River flow through downtown and flank Renton Municipal Airport (RNT) before discharging into Lake Washington (`CLM-07`). Flood protection relies on the USACE Lower Cedar River Section 205 floodwalls, dredged channels, and levee revetments, which require ongoing sediment management to preserve conveyance.

Industrial access is anchored by the I-405 and SR-167 interchange and BNSF rail spurs serving Renton's aerospace manufacturing corridor (CLM-14).

What This Means for Suppliers & Facility Compliance

Suppliers and facility managers operating in Renton face two parallel compliance tracks: physical continuity planning aligned to local basin and corridor hazards, and emerging building/supply-chain reporting under Washington's Clean Buildings Performance Standard (CBPS) and downstream OEM Scope 3 supplier questionnaires (CLM-28).

Verified Primary Sources & Internal Bridges

- King County DNRP Flood & River Governance: https://kingcounty.gov/en/dept/dnrp
- Puget Sound Regional Council (PSRC): https://www.psrc.org/
- Alliance Velocity Space City Directory: https://www.alliancevelocity.com/space-city