72-Hour Valley Flood & Levee-Breach Playbook for Green River Space Facilities

Pillar: Closure Playbook | **Basis:** Operational Playbook | **Primary Source:** King County Flood Services / BC ESG Ops | **As Of:** 2026-11-16

A three-phase 72-hour playbook built from the Dec 15–16, 2025 Desimone and Pacific breaches—covering Flood Phase alerts, generator top-offs, hazmat elevation, shift release, and dock-isolation protocols.

Operational Continuity & Corridor Facts

• T-24h (Atmospheric River / Phase 2–3 Alert): Top off backup generator diesel for 72+ hours, stage portable pumps, and move floor-level tooling and WAC 173-303 drums above +3 ft BFE.

• T-0h (Levee Breach / SR 167 Closure): Account for all personnel, suspend non-essential inbound trucks, and verify UPS/generator transfer before grid sags.

• T+24h to T+72h: Redirect inbound urgent shipments to pre-designated upland staging outside the valley (SeaTac CFS or Tacoma/Fife upland yards) until evacuation orders lift.

72-Hour Valley Flood Action Matrix

Window	Trigger	Facilities / EHS Action	Logistics Action
T-24 Hours	KC Flood Phase 2/3	Top off diesel; seal dock doors; elevate hazmat	Accelerate critical pickups
T-0 Hours	Breach / Evacuation Order	Life-safety muster; verify cleanroom power	Hold valley-bound trucks
T+24–72 Hours	SR 167 Closed	Document outage & inspect perimeter	Reroute to upland staging

Corridor Exposure, Triggers & Facility Actions

• Assign a single Incident Commander across Facilities/EHS (#2061) and Supply-Chain (#2052) before November.

• Keep waterproof physical copies of KCC 21A.24 Elevation Certificates and emergency contacts in the security shack.

• Conduct one tabletop drill each October before atmospheric-river season peaks.

Cross-Cluster Links & Primary Sources

• **WA Space Cluster Hub (#1382):** https://bcesg.org/washington-space-cluster-census/

• **Kent WA Space Cluster Profile:** https://bcesg.org/kent-wa-space-cluster-profile/

• **Tukwila WA Space Cluster Profile:** https://bcesg.org/tukwila-wa-space-cluster-profile/

• **Facilities / EHS Desk Brief:** https://bcesg.org/wa-space-role-facilities-ehs-desk-brief/

• **Facilities: Waste, PSCAA & Floodplain:** https://bcesg.org/wa-space-role-facilities-waste-pscaa-floodplain/

• **Supply-Chain & Procurement Desk Brief:** https://bcesg.org/wa-space-role-procurement-lead-desk-brief/

• **King County Flood Services:**
https://kingcounty.gov/en/dept/dnrp/nature-recreation/environment-ecology-conservation/flood-services

• **USACE Seattle District (DVIDS):** https://www.dvidshub.net/unit/USACE-SD

• **WA EMD Regional Plans (Recovery Annex):** https://mil.wa.gov/plans

Provenance Note: Playbook anchored to Dec 15–16, 2025 historical breach sequence and King County Flood Services alert phases.