

7 References

7.1 Chapter 1

Public Law (P.L.) 91-190, 42 United States Code (U.S.C.) 4321, et. seq., National Environmental Policy Act, 1969, Section 102(2)(c), April 20, 2022.

Transportation Research Board (TRB) Airport Cooperative Research Board (ACRP). Research Report 163: *Guidebook for Preparing and Using Airport Design Day Flight Schedules*. https://nap.nationalacademies.org/read/23692/chapter/8#57.

Ricondo & Associates, Inc. (2022, March). Seattle-Tacoma International Airport Advanced Planning Terminal Needs Assessment.

Logistics Capital & Strategy. (2018, March). *Air Cargo Growth Potential and Facility Requirements Assessment – Final Report*.

Leigh Fisher. (2023, September). *Technical Memorandum, Aviation Activity Forecast Update, Seattle-Tacoma International Airport*.

Leigh Fisher. (2017, June). *Technical Memorandum No. 5, Facility Requirements, Seattle-Tacoma International Airport*. https://www.airportprojects.net/sampenvironmentalreview/tm-no-5-facility-requirements/.

FAA. (2022, March). Federal Aviation Administration Advisory Circular (AC) 150/5300-13B, *Airport Design*.

IATA. (2022). Airport Development Reference Manual (11th Edition).

FAA website. (2024, June 6) https://www.faa.gov/air traffic/technology/tfdm/implementation/.

Port of Seattle website: https://www.airportprojects.net/sampenvironmentalreview/sustainable-aviation-fuels/.

IATA & Airports Council International (ACI). (2017). Improved Level of Service Concept.

Port of Seattle website. https://www.airportprojects.net/sampenvironmentalreview/parking-at-sea-airport/.

Port of Seattle. (2019). Landside Level of Service Analysis, Arrival and Departure Curbside and Roadway LOS.

Leigh Fisher. (2018, May). *Technical Memorandum No. 7, Facilities Implementation and Financial Feasibility*. https://www.airportprojects.net/sampenvironmentalreview/tm-no-7-facilities-implementation/.

7.2 Chapter 2

Leigh Fisher. (2017, October). Technical Memorandum No. 6, Alternatives. https://www.airportprojects.net/sampenvironmentalreview/tm-alternatives/.

Ricondo & Associates, Inc. (2022, March). Seattle-Tacoma International Airport Advanced Planning Terminal Needs Assessment.

Leigh Fisher. (2017, June). *Technical Memorandum No. 5, Facility Requirements, Seattle-Tacoma International Airport*. https://www.airportprojects.net/sampenvironmentalreview/tm-no-5-facility-requirements/.



eral Aviation Administration Advisory Circular (AC) 150/5300-13B Airport

FAA. (2022, March). Federal Aviation Administration Advisory Circular (AC) 150/5300-13B, *Airport Design*.

WSP, 3 Square Blocks, Argus, PT&C. (2016, November). *Aviation Biofuels Infrastructure Feasibility Study*. https://www.airportprojects.net/sampenvironmentalreview/aviation-biofuel-infrastructure-report/.

7.3 Chapter 3

Puget Sound Clean Air Agency. (2023, December). 2022 Air Quality Data Summary. https://pscleanair.gov/DocumentCenter/View/5360

Washington State Department of Ecology. (2023, December). Plans for Maintaining Air Quality. https://ecology.wa.gov/Regulations-Permits/Plans-policies/State-implementation-plans/Maintenance-SIPs.

EPA. (2024, February). https://www.epa.gov/criteria-air-pollutants/naaqs-table.

FAA. (2015). Federal Aviation Administration Order 1050.1F, Environmental Impacts: Policies and Procedures.

FAA (2023, October). Federal Aviation Administration Order 1050.1F Order 1050.1F, Desk Reference.

FAA. (2006, April 28). Federal Aviation Administration Order 5050.4B, National Environmental Policy Act (NEPA) Implementing Instructions for Airport Actions.

FAA. (2015). Aviation Emissions and Air Quality Handbook, Version 3 Update 1.

EPA. (2024, April 11). https://www.epa.gov/ghgemissions/overview-greenhouse-gases.

Trust for Public Land, Past Projects website: https://lwcf.tplgis.org/mappast/.

Port of Seattle, City of SeaTac. (2018). 2018 Interlocal Agreement

City of SeaTac. (2021, November). City of SeaTac Comprehensive Plan.

City of SeaTac. (2020, November). City of SeaTac Comprehensive Parks, Recreation, and Open Space Plan.

City of SeaTac. (2020, February). City Center Plan Update Phase I, Vision Report.

City of SeaTac. (2015, July). Angle Lake District Station Area Plan.

City of Des Moines. (2015, June) City of Des Moines Comprehensive Plan.

City of Burien. (2022, November). The Burien Plan.

City of Tukwila. (2015). Tukwila Comprehensive Plan.

Puget Sound Regional Council. (2020, October). Vision 2050.

Public Law (P.L.) 91-190, 42 United States Code (U.S.C.) 4321, et. seq., National Environmental Policy Act, 1969, Section 102(2)(c). CEQ amended its regulations implementing NEPA effective April 20, 2022.

United States Energy Information Administration (EIA). (2022). Washington State. www.eia.gov/state/analysis.

Washington Aggregates and Concrete Association (WACA). Member Directory. www.washingtonconcrete.org/member-list-public.

SEATTLE-TACOMA INTERNATIONAL AIRPORT ENVIRONMENTAL ASSESSMENT FOR THE SUSTAINABLE AIRPORT MASTER PLAN NEAR-TERM PROJECTS



Washington State Department of Natural Resources (WDNR). https://www.dnr.wa.gov/programs-and-services/geology/energy-mining-and-minerals/coal-metallic-and-mineral-resources#major-metallic-minerals-in-washington.

FAA (2023) AEDT, Version 3f. https://aedt.faa.gov/3f information.aspx.

Port of Seattle. (2018, August). Sea-Tac International Airport Economic Impacts.

Port of Seattle. (2017, May). Seattle Tacoma International Airport Stormwater Manual for Aviation Division.

Leigh Fisher. (2018, May). *Technical Memorandum No. 8, Facility Requirements, Seattle-Tacoma International Airport*. https://www.airportprojects.net/sampenvironmentalreview/tm-no-8-environmental-effects-overview/.

Port of Seattle website. https://www.airportprojects.net/sampenvironmentalreview/sea-stormwater-and-drainage/.

National Parks Service website. (2021, December 27). https://www.nps.gov/orgs/1912/plan-your-visit.htm.

City of SeaTac, City of Des Moines, Port of Seattle, King County. (1997, November). Des Moines Creek Basin Plan. https://your.kingcounty.gov/dnrp/library/1997/kcr148.pdf.

South King County Ground Water Advisory Committee. (2003, July). South King County Ground Water Management Plan.

https://your.kingcounty.gov/dnrp/library/2003/kcr2205/kcr2205 MgmtStrategiesJuly2003.pdf.

7.4 Chapter 4

Port of Seattle. (2024, March 12). *Land Stewardship Plan and Tree Replacement Standards*. https://www.airportprojects.net/sampenvironmentalreview/land-stewardship-plan/.

Nationwide Standard Conservation Measures. Fish and Wildlife Service website: https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf.

KCC 21A.24.382, (2024, June 4). https://aqua.kingcounty.gov/council/clerk/code/24-30 Title 21A.pdf.

Department of Ecology State of Washington. (2022, December). Washington State Greenhouse Gas Emissions Inventory: 1990-2019, Publication 22-02-054.

https://apps.ecology.wa.gov/publications/documents/2202054.pdf.

EPA. (2024, April). *Inventory of U.S. Greenhouse Gas Emissions and Sinks:* 1990-2022. https://www.epa.gov/ghgemissions/inventory-us-greenhouse-gas-emissions-and-sinks.

Port of Seattle. (2019). Construction General Requirements.

King County website: https://kingcounty.gov/en/dept/dnrp/waste-services/garbage-recycling-compost/solid-waste-facilities/cedar-hills-development, accessed May 2024.

15 Code of Federal Regulations (CFR) Part 930, *Federal Consistency with Approved Coastal Management Programs*. https://www.ecfr.gov/current/title-15/subtitle-B/chapter-IX/subchapter-B/part-930.

Bonneville Power Administration. (2020). BPA 2018–2023 Strategic Plan Progress Update.

Canadian Gas Association website: https://www.cga.ca/natural-gas-statistics/natural-gas-facts/.



SEATTLE-TACOMA INTERNATIONAL AIRPORT ENVIRONMENTAL ASSESSMENT

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King County website: https://kingcounty.gov/en/legacy/services/environment/climate/our-changing-climate/impacts#:~:text=Heavy%20rain%20events%20are%20getting,are%20harmful%20to%20marine%20species.

Washington State Legislature. (2023, September 1). Revised Code of Washington (RCW). 47.05.025. https://app.leg.wa.gov/rcw/default.aspx?cite=47.05.025.

National Academies Sciences, Engineering, Medicine. (2022). *Highway Capacity Manual (HCM), A Guide for Multimodal Mobility Analysis*.

Seattle -Tacoma International Airport. (2024). Seattle-Tacoma International Airport Architecture Design Guidelines and Standards. https://www.airportprojects.net/sampenvironmentalreview/wp-content/uploads/sites/45/2024/09/SEA-Architecture-Design-Guidelines-Standards-reduced.pdf

Seattle-Tacoma International Airport. (2024). Seattle-Tacoma International Airport Landscape Vision, Design Guidelines, and Standards. https://www.airportprojects.net/sampenvironmentalreview/2024-sea-landscape-standards/.

33 Code of Federal Regulations (CFR) Part 332, *Compensatory Mitigation for Losses of Aquatic Resources*. https://www.ecfr.gov/current/title-33/chapter-II/part-332.

40 Code of Federal Regulations (CFR). Part 230, Section 404(B)(1) Guidelines for Specification of Disposal Sites for Dredged or Fill Material. https://www.ecfr.gov/current/title-40/chapter-l/subchapter-H/part-230.

Washington Department of Ecology, U.S. Army Corp of Engineers Seattle District, EPA Region 10. (2006, March). *Wetland Mitigation in Washington State Part 1: Agency Policies and Guidance* (https://apps.ecology.wa.gov/publications/documents/2106003.pdf), and Part 2: Developing Mitigation Plans (https://apps.ecology.wa.gov/publications/documents/0606011b.pdf).

Washington State Legislature. (2024, May). Washington Administrative Code (WAC). 246-290-130, Source Approval. https://app.leg.wa.gov/wac/default.aspx?cite=246-290-130.

Washington State Legislature. (2024, May). Washington Administrative Code (WAC). 246-290-135, Source Water Protection. https://app.leg.wa.gov/wac/default.aspx?cite=246-290-135.

7.5 Chapter 5

40 Code of Federal Regulations [CFR] § 1508.1, April 20, 2022. https://www.ecfr.gov/current/title-40/chapter-V/subchapter-A/part-1508/section-1508.1.

Leigh Fisher. (2018, May). *Technical Memorandum No. 7, Facilities Implementation and Financial Feasibility*. https://www.airportprojects.net/sampenvironmentalreview/tm-no-7-facilities-implementation/.