



# Agenda Bill

City Council Special & Regular Meetings - 07 Jan 2019

---

**Department**

City Manager

**Staff Contact**

Brian Wilson, City Manager (206) 248-5503

---

**Agenda Bill Title**

Discussion and Potential Action to Adopt Proposed Resolution No. 408, Requiring Monitoring and Health Impact Assessments of SeaTac Airport Operations.

---

**Summary**

The Burien Airport Committee drafted the attached Resolution No. 408 which addresses monitoring and health impact assessments of Sea-Tac Airport operations. The Burien City Council is requested to discuss and take potential action to adopt the resolution.

---

**Options**

1. Adopt Resolution No. 408 requiring monitoring and health impact assessments of Sea-Tac Airport operations.
  2. Do not adopt Resolution No. 408 requiring monitoring and health impact assessments of Sea-Tac Airport operations.
- 

**Advisory Board Recommendation**

The Burien Airport Committee recommends adoption of Resolution No. 408.

---

**Administrative Recommendation**

---

**Suggested Motion**

Motion to Adopt Resolution No. 408, Requiring Monitoring and Health Impact Assessments of Sea-Tac Airport Operations.

---

**Fiscal Impact**

FUND: N/A

COST OF PROPOSAL: N/A

AMOUNT BUDGETED: N/A

ADDITIONAL REQUIRED: N/A

---

**Attachments**

[Resolution No. 408 Addressing Health Impacts at SeaTac Airport](#)

---

**DRAFT**  
**CITY OF BURIEN, WASHINGTON**

**RESOLUTION NO. 408**

---

**A RESOLUTION OF THE CITY OF BURIEN, WASHINGTON, REQUIRING  
MONITORING AND HEALTH IMPACT ASSESSMENTS  
OF SEA-TAC AIRPORT OPERATIONS**

---

WHEREAS, the City of Burien (“City”) is located adjacent to Sea-Tac Airport (“Airport”) and has experienced considerable and disproportionate negative health, environmental, and economic impacts; and

WHEREAS, the City has a responsibility to protect the health, welfare and safety of residents in the community; and

WHEREAS, the Airport is a major source of noise and air pollution and air traffic has exceeded the Airport’s operational projections for 2013-2018 by over 30%; and

WHEREAS, there are no temporary or permanent air quality monitors in or near the six cities in closest proximity to the Airport and hence no means to assess potential levels of pollutants and exposures of surrounding populations to Criteria Air Pollutants (CAPs) (including ultrafine particulate matter – PM) and Hazardous Air Pollutants<sup>1</sup> (HAPs) known to be generated by Airport operations); and

WHEREAS, studies in the United States<sup>2</sup> and around the world indicate that exposure to CAPs and HAPs may contribute to or cause a range of chronic and severe illnesses including cancer, diabetes, lung disease, inflammation of airways, many respiratory diseases (i.e., asthma attacks), cardiovascular disease (i.e., heart attacks), and premature death; and other studies<sup>3</sup> indicate that exposure to ultrafine PM from airport operations may impact health; and

WHEREAS, no baseline air quality and health studies have been conducted to determine potential impacts of Airport operations, nor does the Airport’s Sustainable Airport Master Plan (SAMP) quantify or model the full range of emissions and pollutants even as extensive development continues and Airport operations increase; and

---

<sup>1</sup> <https://ecology.wa.gov/Air-Climate/Air-quality/Air-quality-targets/Air-quality-standards>

<sup>2</sup> <https://oehha.ca.gov/air/health-studies-criteria-air-pollutants>

<sup>3</sup> <https://www.nap.edu/catalog/22119/understanding-airport-air-quality-and-public-health-studies-related-to-airports>

WHEREAS, the Puget Sound Clean Air Agency (PSCAA), the WA Department of Ecology (DOE), and the US Environmental Protection Agency (EPA) have previously identified a need to better characterize the airshed where the Airport is located and assess impacts, but no state mandates have compelled the Airport to accomplish these tasks; nor have these regulatory agencies assured Airport compliance with federal air quality mandates.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF BURIEN, WASHINGTON, DOES RESOLVE THAT:

Section 1. The Washington State Legislature direct PSCAA, DOE, and EPA to delineate the Airport airshed within which environmental and health impacts will be assessed.

Section 2. The Washington State Legislature identify and mandate that a research institution, PSCAA, or DOE establish within one to three miles of the Airport's airshed boundary adequate air quality monitors to measure CPs and HAPs to characterize conditions within the airshed and that funding be appropriated to establish and continuously operate these monitors.

Section 3. The Washington State Legislature appropriate funds to the PSCAA or DOE to independently conduct a cumulative risk assessment of both emissions and noise to better understand potential environmental impacts on populations located within the airshed.

Section 4. The Washington State Legislature appropriate funds to a designated research institution or Washington State Department of Health (DOH) to conduct a Community Health Impact Assessment (CHIA) of populations within the Airport airshed, including vulnerable<sup>4</sup> populations and environmental justice<sup>5</sup> communities. The CHIA would determine the level of illnesses and diseases, sleep deprivation, and learning deficiencies attributable to cumulative noise and air pollution generated by Airport operations.

Section 4. The Washington State Legislature amend Chapter 70.05.070 RCW and SEPA Chapter 43.32C RCW to require that the Department of Health comply with WAC 246-366 to perform health and safety inspections at schools within Airport communities to ensure that State standards for air and noise quality are not exceeded.

Section 5. The City's State Legislators provide a report immediately following the close of the 2019 legislative session on progress made on the actions in this resolution.

Section 6. This resolution shall take effect immediately upon passage by the Burien City Council.

ADOPTED BY THE CITY COUNCIL OF THE CITY OF BURIEN, WASHINGTON, AT A REGULAR MEETING THEREOF THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2019.

---

<sup>4</sup> <https://www.ajmc.com/newsroom/5-vulnerable-populations-in-healthcare>

<sup>5</sup> <https://www.epa.gov/environmentaljustice/learn-about-environmental-justice>

CITY OF BURIEN

---

Jimmy Matta, Mayor

ATTEST/AUTHENTICATED:

---

Monica Lusk, City Clerk

Approved as to form:

---

Lisa Marshall, City Attorney

Filed with the City Clerk:  
Passed by the City Council:  
Resolution No. 408

Copies to be distributed to:

- The Honorable ...