



Executive Summary

Results of Public Survey on Airport Site
Development for Aircraft Assembly and
Flight Testing

Boeing/FAA/STL

August 2023



ST. LOUIS LAMBERT
INTERNATIONAL AIRPORT.

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Definitions

Air Quality - the measure of the condition of the air expressed in terms of ambient pollutant concentrations and their temporal and spatial distribution.

Airport - St. Louis Lambert International Airport

Biological Resources – fish, wildlife, plants, and their respective habitats

Boeing - The Boeing Company

Children's environmental health and safety - risks to health or to safety that are attributable to products or substances that a child is likely to come in contact with or ingest, such as air, food, drinking water, recreational waters, soil, or products they might use or be exposed to.

Climate - the long-term pattern of weather in a particular area.

Energy supply – the use of natural resources for the generation of energy (such as coal for electricity; natural gas for heating; and fuel for aircraft, commercial space launch vehicles, or other ground vehicles).

Environmental justice - the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.

Hazardous materials - any substance or material that has been determined to be capable of posing an unreasonable risk to health, safety, and property when transported in commerce. The term hazardous materials includes both hazardous wastes and hazardous substances, as well as petroleum and natural gas substances and materials.

Historic or cultural – sites, properties, and physical resources relating past and present expressions of human culture and history in the physical environment which are considered important to a culture or community.

Land use - the human use of land for economic and cultural activities (e.g., agricultural, residential, industrial, mining, and recreational uses) that are practiced at a given place.

Natural resources – renewable and non-renewable resources including water, wood, coal, liquid fuels, etc. used for production of energy.

Noise and noise compatible land use - Noise is considered unwanted sound that can disturb routine activities (e.g., sleep, conversation, student learning) and can cause annoyance. The compatibility of existing and planned land uses is determined in relation to the level of noise a proposed project would generate.

Pollution prevention - a practice that reduces, eliminates, or prevents pollution at its source before it is created.

QR - Quick Response

Socioeconomics - a term used to describe aspects of a project that are either social or economic in nature, or a combination of the two.

Solid waste – garbage, refuse, or other discarded material, resulting from industrial, commercial, mining, and agricultural operations, and from community activities.



Definitions (cont.)

STL - St. Louis Lambert International Airport

Visual effects – changes to light emissions or changes to features that contrast with, or detract from, the existing visual landscape.

Water resources - surface water, groundwater, floodplains, and wetlands.

Introduction

The St. Louis Lambert International Airport (hereafter referred to as STL or the Airport) proposes to sponsor The Boeing Company (Boeing), the Airport's partner, in developing STL property that supports defense aircraft assembly and testing operations (the Proposed Action). An environmental evaluation is being prepared to analyze the potential environmental effects of this Proposed Action, which includes Boeing leasing parcels of land from the Airport and then constructing aircraft assembly buildings, associated supporting buildings, and flight ramps, as well as performing aircraft testing once assembled. As part of this effort, STL solicited input on the Proposed Action in the early planning stages from neighboring communities and stakeholders.

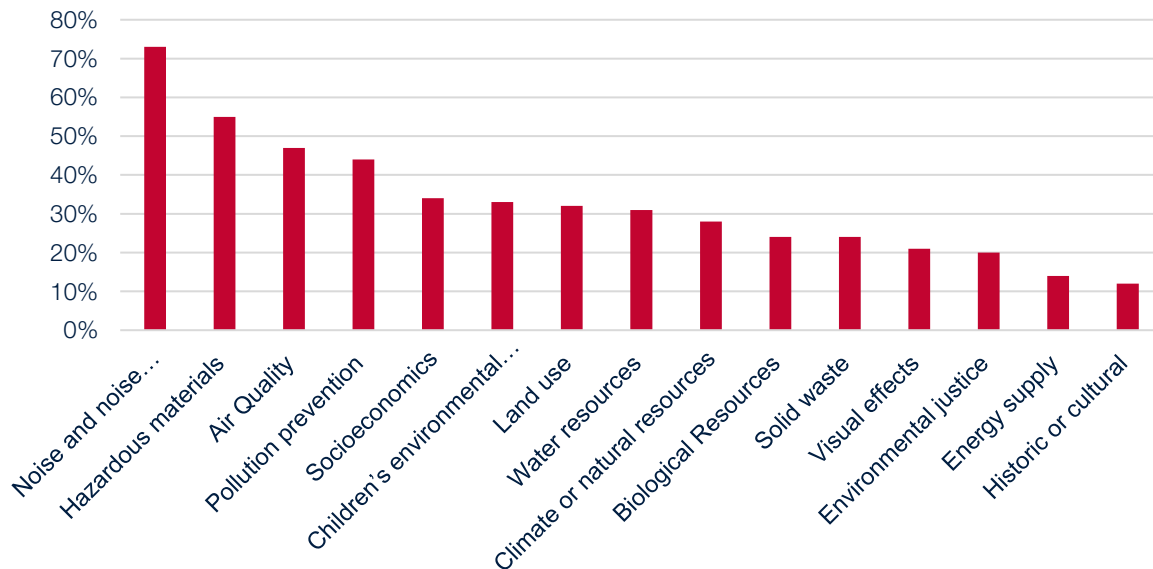
The survey was posted on STL's website and available to all interested parties. This outreach also included mailing 14,109 postcards to addresses within a 1-mile radius of the Airport. The postcards included a summary of the Proposed Action, a quick response (QR) code linked to a survey, a link to the STL website, and points of contact for the Proposed Action.

The purpose of the survey was to seek input from the public regarding the Proposed Action's potential effect on the environment. The survey included opportunities for comment on 15 resource areas, as well as a prompt to include any additional information or comments not covered within the 15 resource areas presented. Name and email addresses were also optional input fields.

The survey was available from May 19, 2023, through June 20, 2023. A total of 320 comments were received from 70 respondents. The responses were composed of 309 comments received via the survey, plus an additional 11 submitted via email to the points of contact designated on the postcard. The email comments are included within the responses provided in the summary according to the appropriate resource area. Within the written comments provided in the survey, some comments contained input regarding resource areas not applicable to the questions asked. For example, some comments in the air quality section referred to potential noise impacts. Comments unrelated to the questions were included in the tally for the resource area to which the respondent commented; however, the content of the comment is summarized within the appropriate resource summary to which the comment applies. Each section makes note of instances where this occurs.

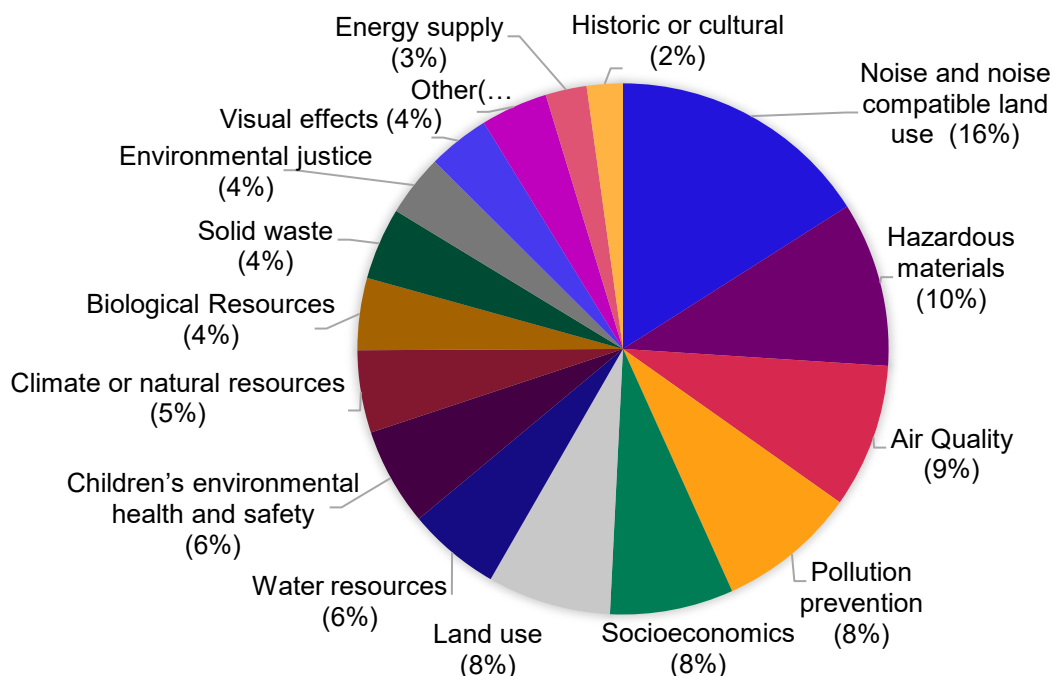
The following graphic represents respondents who answered "yes" to having comments for each of the 15 resources areas included in the survey. Only two resource areas (noise and hazardous materials) elicited comments from more than 50% of the respondents.

Percentage of Respondents with Comments by Resource Area



The following chart provides a breakdown of the 320 comments received by resource area. The five resource areas receiving the most comments included the following: noise and noise compatible use, hazardous materials, air quality, pollution prevention, and socioeconomics.

RESOURCE AREAS



Response Summary

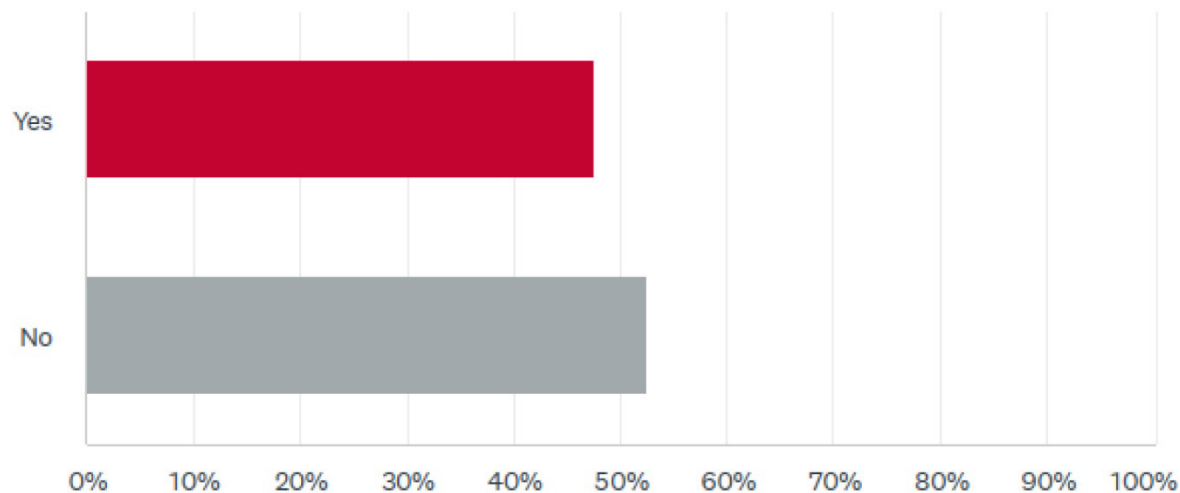
2.1 Question 1: Name

Total: 64 responders (56 through the survey + 8 by email)

2.2 Question 2: Email

Total: 64 responders (56 through the survey + 8 by email)

2.3 Question 3: Do you have any Air Quality comments about this project?



Yes: 47%

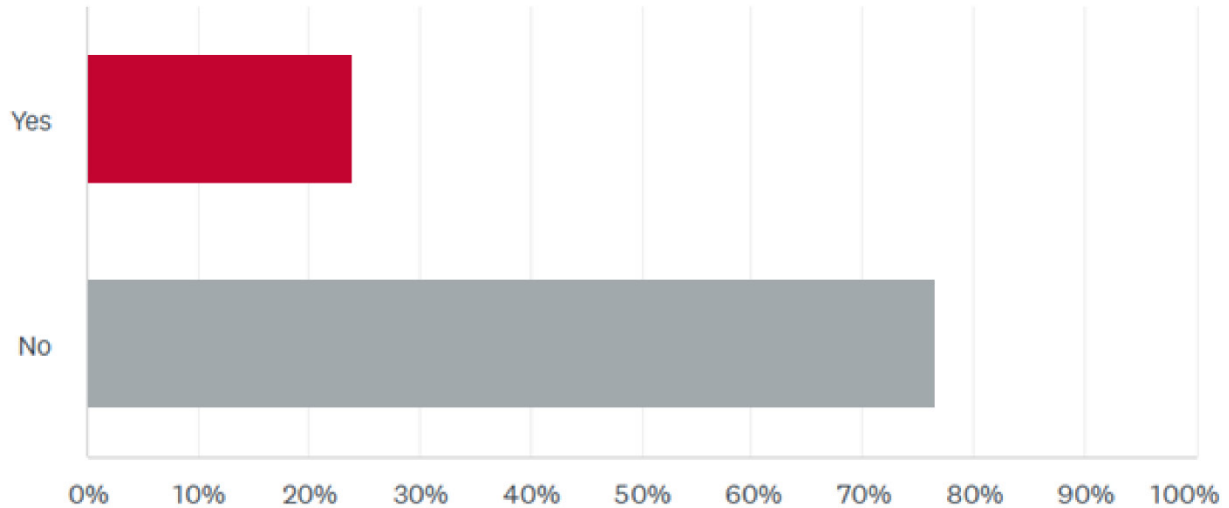
No: 53%

Responders: 59 responded to the question, of which 28 included a written comment

Responses to this question generally referred to the potential for impact on air quality as a result of any additional air traffic, as well as whether there is increased risk of disease and respiratory conditions as a result of the Proposed Action. Commenters inquired about the distance of the jet engine testing to nearby residential areas and whether there were plans for air quality control measures. A note was also made about being able to smell jet fuel in the area.

Although this question was related to air quality, the potential for noise pollution was also cross-referenced by commenters. The content of these comments is captured within the noise summary.

2.4 Question 4: Do you have any Biological Resources comments about this project?



Yes: 24%

No: 76%

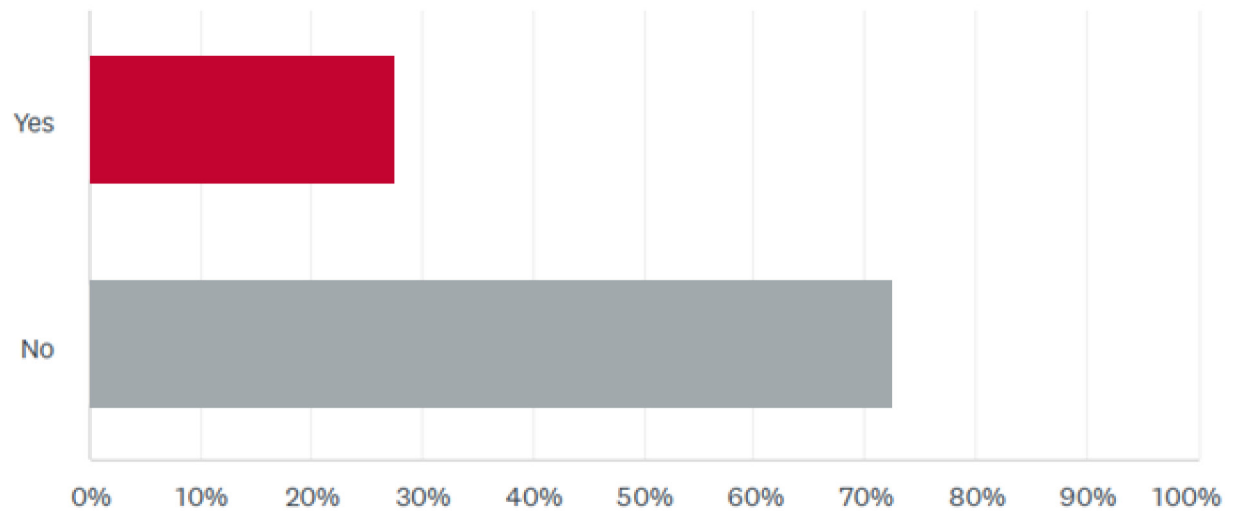
Responders: 59 responded to the question, of which 12 included a written comment

Comments received expressed concern for loss of flora and fauna because of reduction in habitat.

Although this question was related to biological resources, the majority of the comments were focused on other resource areas including noise, air quality, hazardous materials, and health and safety. The content of these comments is included within the corresponding resource summary.



2.5 Question 5: Do you have any Climate or natural resources comments about this project?



Yes: 28%

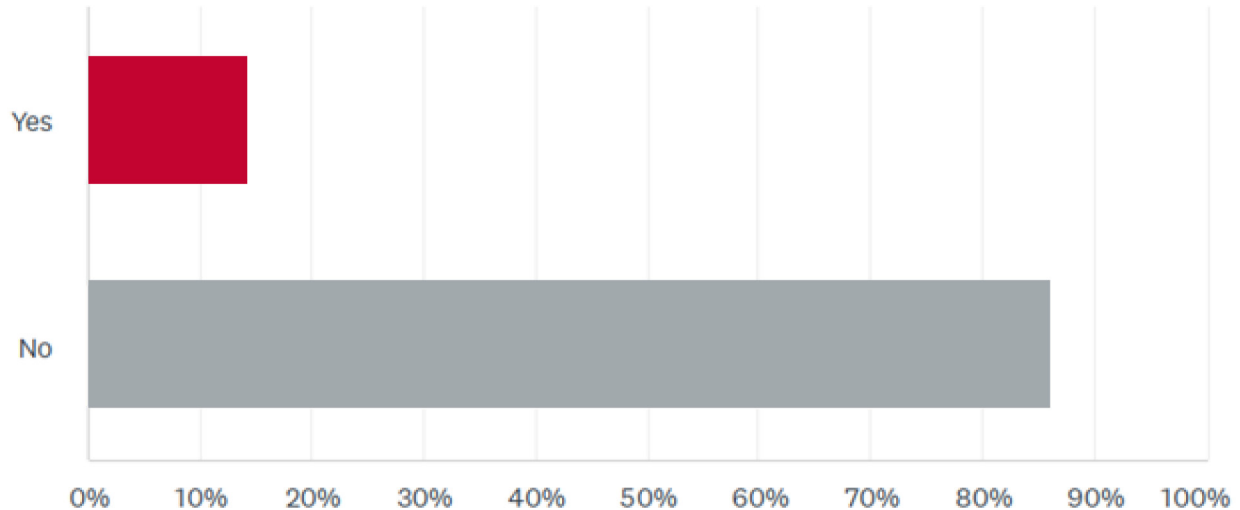
No: 72%

Responders: 58 responded to the question, of which 16 included a written comment

Comments generally inquired if there would be climate impacts as a result of the Proposed Action.

Although this question was related to climate and natural resources, the majority of the comments included in this section pertained to other resource areas such as noise, hazardous materials, water resources, and biological resources. The content of these comments is included within the corresponding resource summary.

2.6 Question 6: Do you have any Energy supply comments about this project?



Yes: 14%

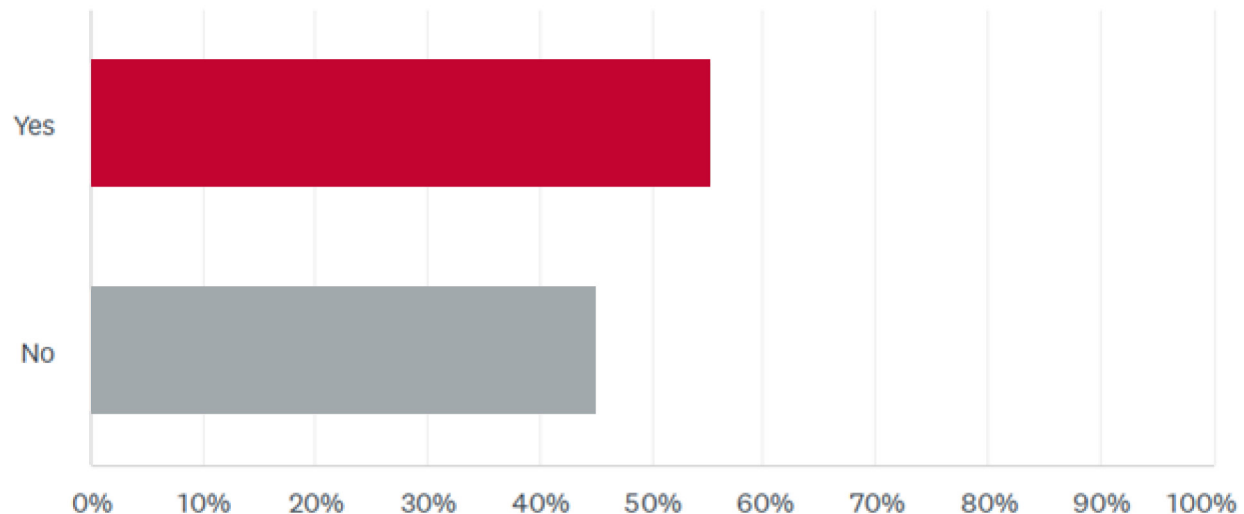
No: 86%

Responders: 57 responded to this question, of which 7 included a comment

Comments inquired if there would be potential for impacts to utility supply and cost.

Although this question was related to energy, there was a comment about the potential expansion of carbon footprint. The content of this comment is included in the climate summary.

2.7 Question 7: Do you have any Hazardous materials comments about this project?



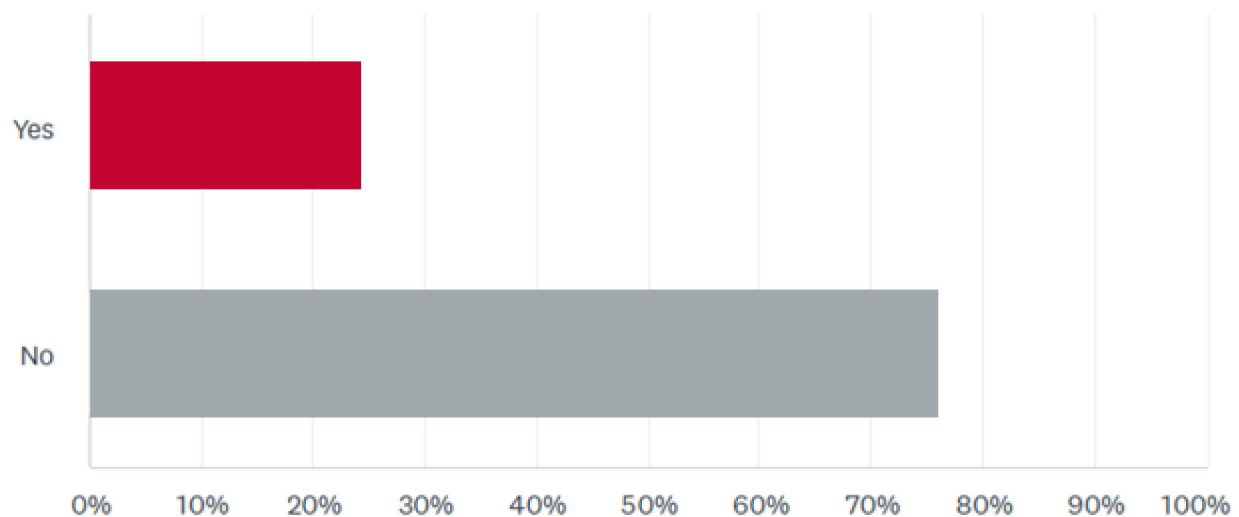
Yes: 55%

No: 45%

Responders: 58 responded to the question, of which 32 provided a written comment

Comments received focused primarily on the potential for hazardous materials and wastes that would impact the environment, particularly the potential for impacts to neighboring communities. There were inquiries about what types of hazardous materials would be used and how they would be managed to prevent releases. Of particular note, many commentors expressed concern over the potential to add to existing contamination within Coldwater Creek.

2.8 Question 8: Do you have any Solid waste comments about this project?



Yes: 24%

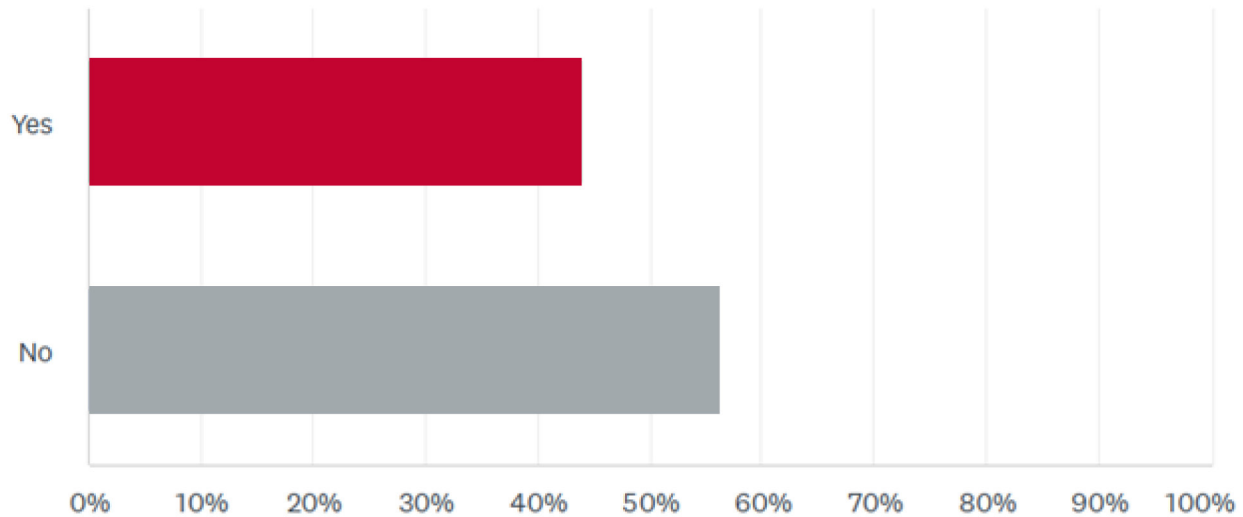
No: 76%

Responders: 58 responded, of which 14 provided written comments

Comments were primarily focused on what types and quantities of solid waste would be generated, where they would be disposed, and if recycling and reuse programs would be implemented to reduce waste.

Although this question was related to solid waste, there were comments that expressed concern over radiation from Coldwater Creek and health concerns related to landfill disposal. The content of these comments is included in the hazardous materials and pollution prevention resource summaries.

2.9 Question 9: Do you have any Pollution prevention comments about this project?



Yes: 44%

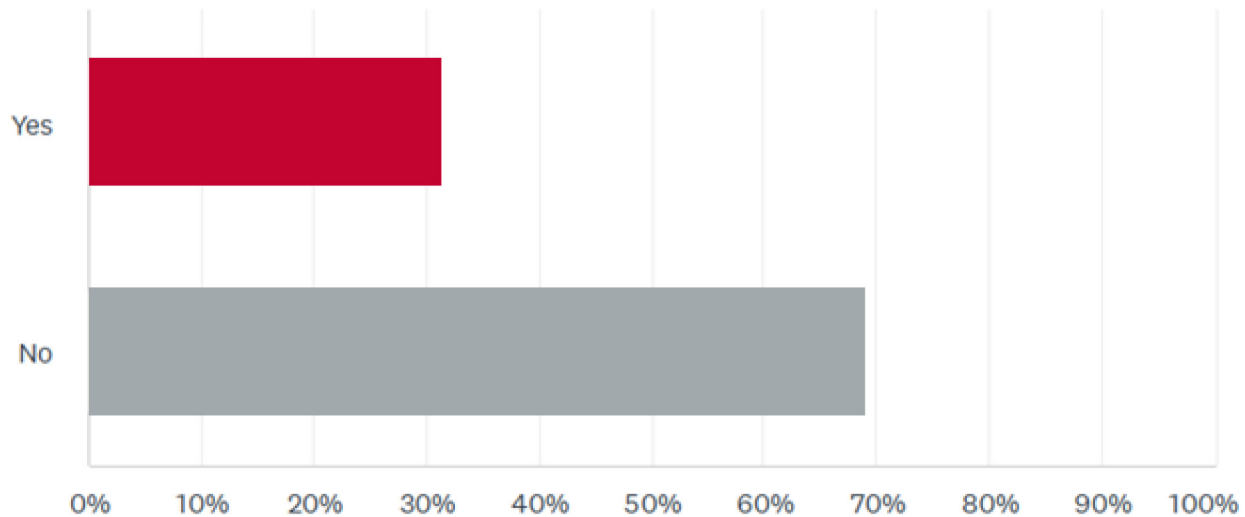
No: 56%

Responders: 58 responded, of which 26 provided a written comment

Many comments requested information about what type of contamination could occur because of the Proposed Action, concerns about existing contamination in the area, and the procedures for managing materials so that pollution does not impact neighboring communities.

Although this question was related to pollution prevention, several comments referenced other topics and resource areas such as noise, air quality, and health. The content of these comments is included in the corresponding resource summary.

2.10 Question 10: Do you have any Water resources comments about this project?



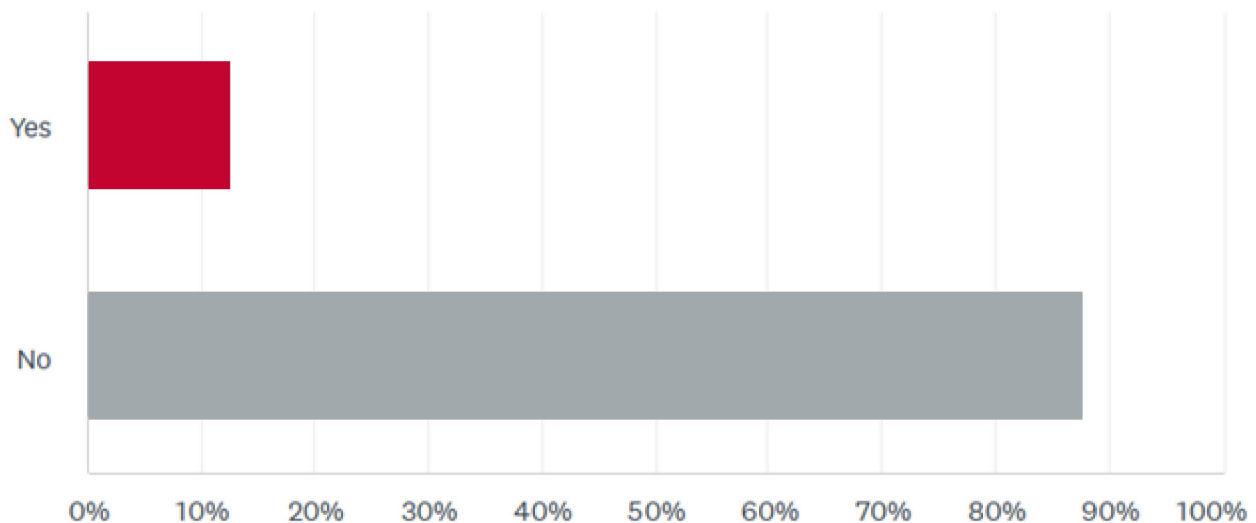
Yes: 31%

No: 69%

Responders: 58 responded, of which 18 provided a written comment

Many comments referenced the existing contamination in Coldwater Creek and concern that the Proposed Action may add to it. Commenters also raised questions on whether the Proposed Action would affect water quality, supply, or pressure in surrounding communities.

2.11 Question 11: Do you have any Historic or cultural comments about this project?



Yes: 12%

No: 88%

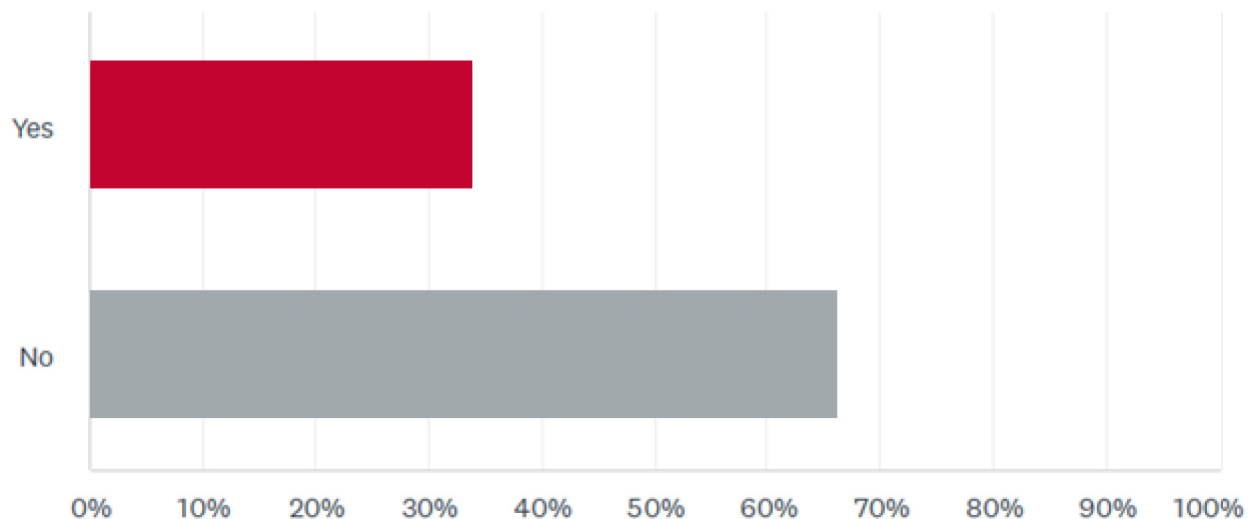
Responders: 57 responded, of which 7 provided a written comment

Two written comments included input on cultural or historic resources. The commenters expressed concern for damage to historic homes near the airport and requested any burial grounds or buildings be preserved.

Although this question was related to historic or cultural resources, comments included other resource areas including socioeconomics and pollution prevention. The content of these comments is included in the corresponding resource summary.



2.12 Question 12: Do you have any Socioeconomics comments about this project?



Yes: 34%

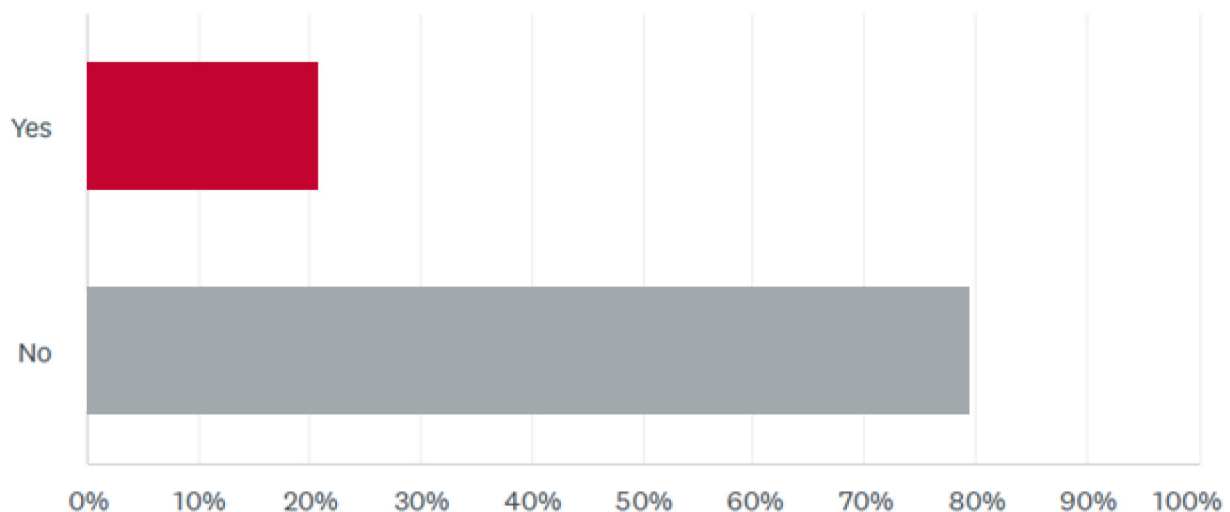
No: 66%

Responders: 60 responded, of which 19 provided a written comment

Concerns about the potential impact to home values were raised, as well as an inquiry regarding the number of jobs created by the Proposed Action.

Although this question was related to socioeconomic, there were a number of comments related to environmental justice. Some commenters requested that the Proposed Action consider environmental justice issues including suggestions for inclusion of underrepresented groups as part of the workforce and concern for encroachment and impacts to marginalized communities. The content of these comments is included in the environmental justice summary.

2.13 Question 13: Do you have any Environmental justice comments about this project?



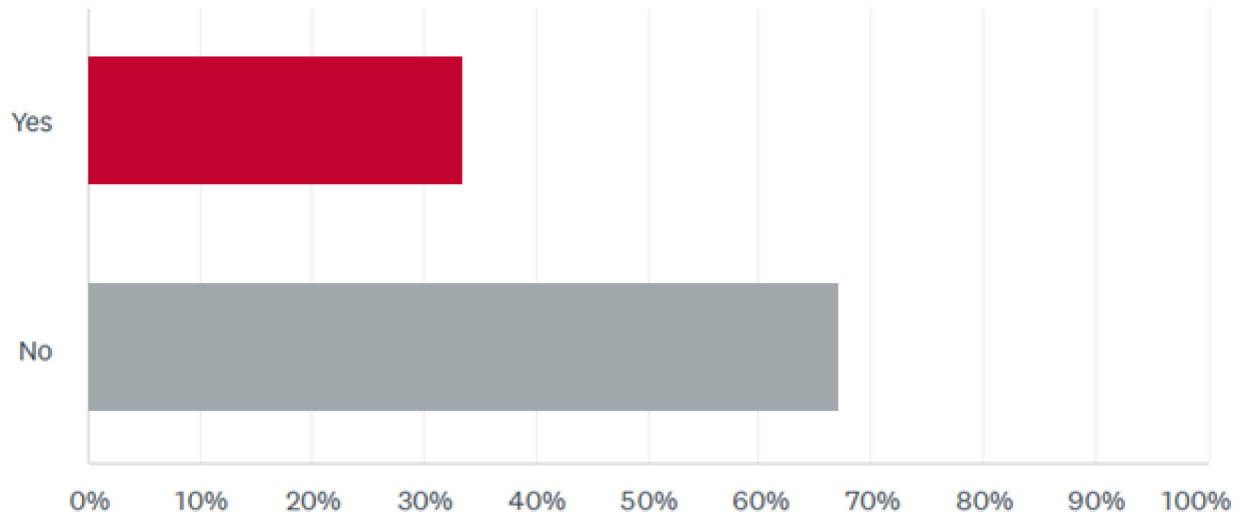
Yes: 21%

No: 79%

Responders: 58 responded, of which 12 provided a written comment

Comments were generally focused around resource areas with overlapping content such as the potential for noise impacts, safety in nearby communities, air pollution, and property values. Concern was expressed that this project may not be proposed in a more affluent neighborhood.

2.14 Question 14: Do you have any Children's environmental health and safety comments about this project?



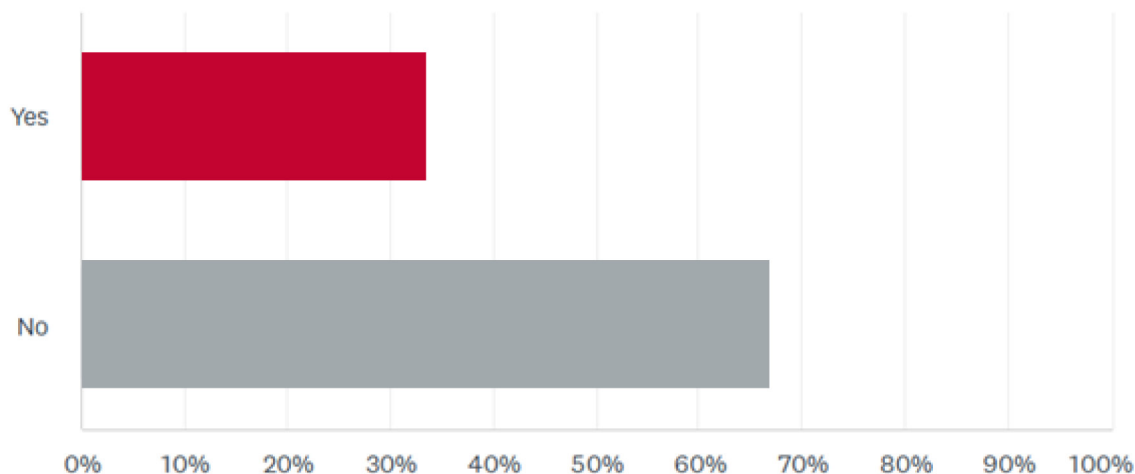
Yes: 33%

No: 67%

Responders: 57 responded, of which 18 provided a written comment

Comments indicated concern for potential impacts to children's health and safety, particularly regarding noise exposure, air quality, and water quality. Concern was also expressed regarding the potential for impacts to fertility. Additionally, one comment indicated concern that the project could make the area a target for terrorist activity.

2.15 Question 15: Do you have any Land use comments about this project?



Yes: 32%

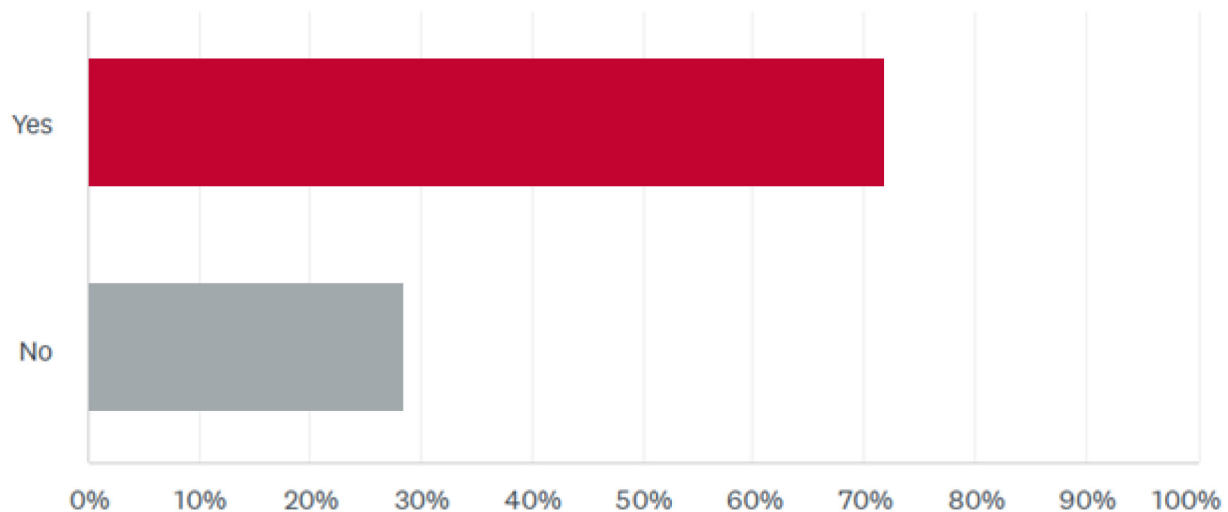
No: 68%

Responders: 60 responded, of which 16 provided a written comment

Comments included questions about whether the airport would be purchasing private property, how the Proposed Action would affect property values, and if traffic conditions would be impacted.



2.16 Question 16: Do you have any Noise and noise compatible land use comments about this project?



Yes: 73%

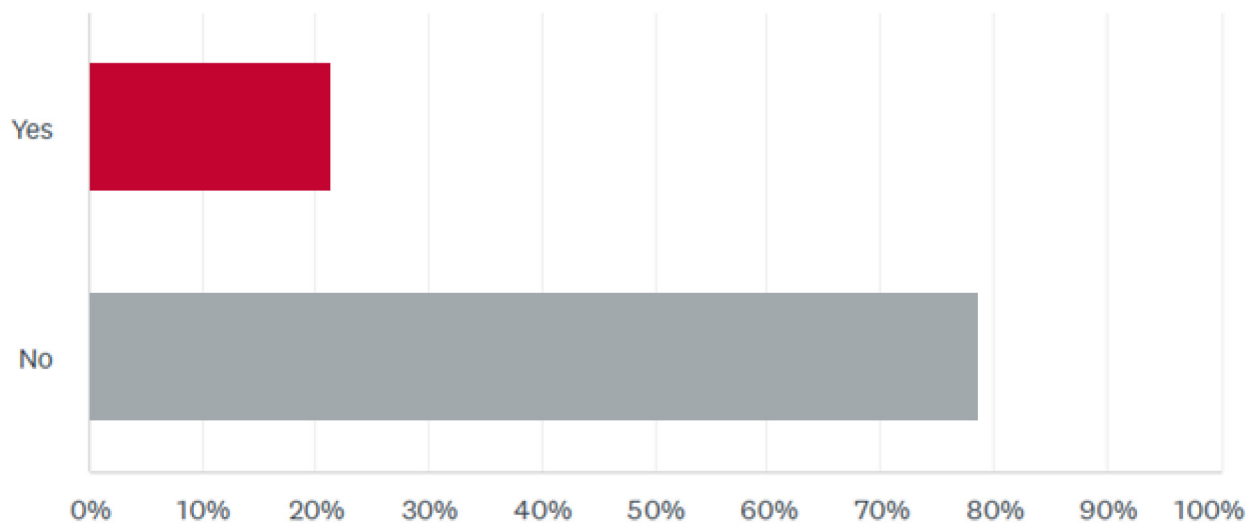
No: 27%

Responders: 64 responded, of which 43 provided a written comment

Comments generally focused on concerns for increased noise resulting from the proposed aircraft testing, including inquiries if the airport planned to provide soundproofing. Comments requested information on the frequency of test flights.



2.17 Question 17: Do you have any Visual effects comments about this project?



Yes: 21%

No: 79%

Responders: 56 responded, of which 12 provided a written comment

Comments included questions about what the buildings and overall site would look like once constructed and where the new buildings would be located. One commenter expressed the desire to see existing buildings on Banshee be demolished because of their deteriorated condition.

Although this question was related to visual resources, comments about noise were also included. The content of those comments is included in the noise summary.



2.18 Question 18: Do you have any Other feedback about this proposed project that are not listed above? If so, highlight the specific area and provide any specific response, if desired.

A total of 19 additional comments were provided. Commenters provided concerns regarding traffic and transportation in the area, requests for additional project information, questions about potential for increases in taxes, and comments about existing land use and previous property acquisitions. Some comments expressed support for the Proposed Action, while others expressed disapproval.

Written Comments Summary

Written comments were varied across resource areas. Comments ranged from questions about impacts, to suggestions of things to consider, to expressions of support or opposition to the overall project. This section includes keywords included in comments received and a sample of comments representing the variety found within the responses.



"Will there be any homes removed from this area?"

"We heavily use Airflight and I-70 interchange. Need to make sure this is not affected."

"I believe this would be a big help to the continued prosperity of Saint Louis!"

"It is awesome to be able to see some of the most impressive engineering achievements of our time."

"Work schedule should be during normal work day hours and none in the evenings or at night."

"How many jobs can be created from this addition and is it going to be sustainable?"

"So so so excited to see this future expansion!"

"Will testing be completed over residential areas?"

"Think outside the box. Don't select the mist(sic) conservative or cheapest designs. Look at new designers, concepts that will look to the future, be aesthetically pleasing and environmentally friendly."

"Concerned about increased noise and air pollution."

"How will surrounding residential properties be impacted?"

"Ensure James S. McDonnell Blvd. continues to connect Airport Rd. by the Boeing Building w/ Air Cargo Rd. over by Terminal 2."

"To be honest, I love living where I live. It is really cool to see the fighter jets taking off when they do. I would not want that to be going on all day and night though."

"Will more jets be flying over my house?"

"What changes in flight patterns will the use of these new facilities generate? I live in Bridgeton, 3 miles from the airport, and rarely hear aircraft noise now. Will that change?"

"Will this cause any roadways to be closed and traffic to be rerouted?"