

Industrial-Residential Interface Study

Summary of Nov 2022 to Jan 2023 Public Survey Results

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Survey Overview

Purpose: To understand how heavy industrial businesses may be causing nuisances that impact Saskatoon residents at their homes.

- Survey was promoted on City of Saskatoon social media channels and communications to Community Associations in neighbourhoods near heavy industrial areas.
- Questions focused on 5 common types of nuisance: noise, odour, vibration, dust, and outdoor lighting.
- Respondents were asked to describe frequency of the nuisance, their suspected source of the nuisance, and any other information.
- Also asked about any other nuisances experienced, and thoughts on the City's role in reducing or mitigating nuisances related to heavy industry.

Overall Survey Results

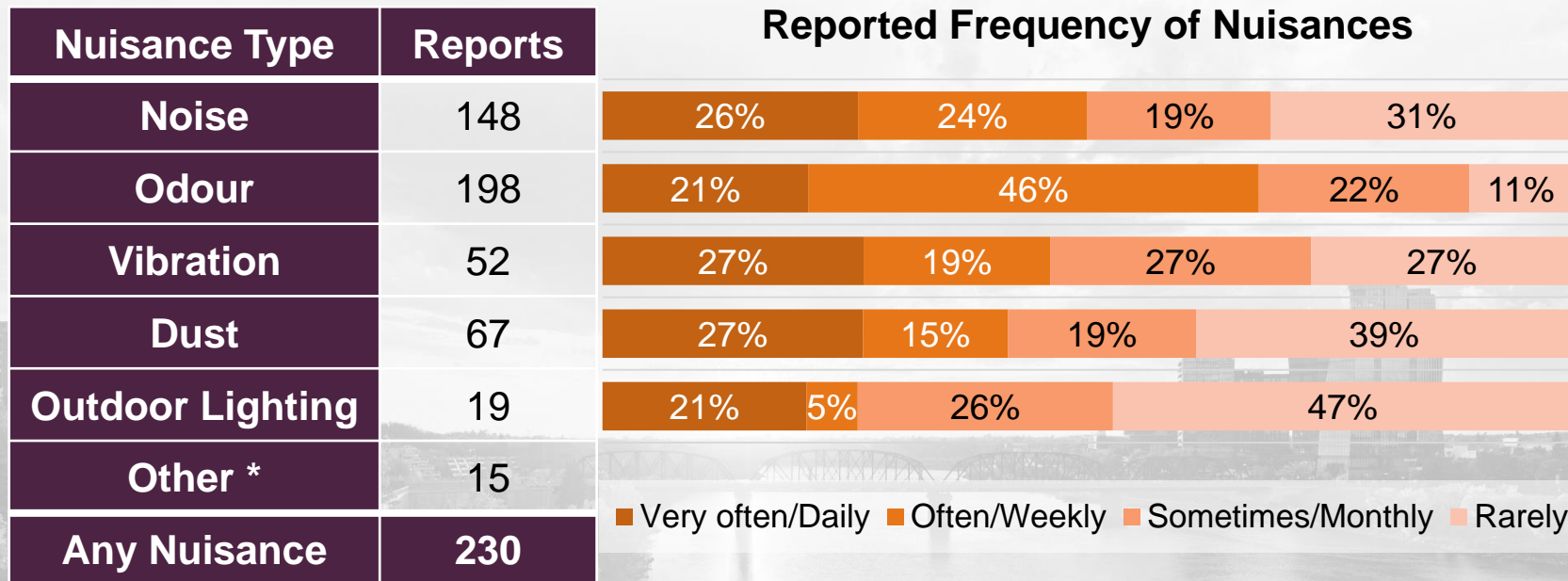
588 responses in total from Nov. 14, 2022 to Jan. 31, 2023

- 99 responses were duplicate responses, from outside Saskatoon, empty responses, or otherwise did not contain relevant information.

Of the remaining responses...

- 35% (169 of 489) reported Not Affected by any nuisance.
- 65% (320 of 489) reported being affected by some nuisance.
- 90 responses only reported nuisances that are Out of Project Scope – unlikely or not reported to be from heavy industrial. Out of project scope reports have been shared with relevant groups as appropriate.
 - Examples: Nuisances reported about railways and railyards, light industrial sites, and of unknown source but respondent is far from any heavy industry.

Nuisance Type and Frequency



Note: Only showing information on nuisance reports within project scope.

*Other – e.g., heavy trucks, debris on roads, vermin, garbage

Nuisance Type and Area of Saskatoon

Any Reported Frequency

Nuisance Reports from...	Neighbourhoods near West Industrial	Neighbourhoods near North Industrial Areas	Neighbourhoods near Central Industrial	Neighbourhoods near Sutherland Industrial	Other Areas
Noise	26	93	23	4	2
Odour	16	143	17	3	19
Vibration	18	20	10	3	1
Dust	22	21	12	4	8
Lighting	6	8	5	0	0
Other *	9	1	2	2	1

*Other – e.g., heavy trucks, debris on roads, vermin, garbage

Nuisance Type and Area of Saskatoon

Reported as **Very Often/Daily** or **Often/Weekly**

Nuisance Reports from...	Neighbourhoods near West Industrial	Neighbourhoods near North Industrial Areas	Neighbourhoods near Central Industrial	Neighbourhoods near Sutherland Industrial	Other Areas
Noise	<u>21</u>	32	<u>18</u>	1	2
Odour	6	<u>113</u>	8	2	5
Vibration	<u>11</u>	6	5	1	1
Dust	<u>16</u>	5	3	1	3
Lighting	2	1	2	0	0

Note: **Bold underlined** numbers indicate cases where **most of the respondents who reported** that nuisance type from that area of Saskatoon said they were affected “very often” or “often” (vs. “sometimes” or “rarely”).