

FACT #1- NOISE IS A MAJOR HEALTH ISSUE IN ALL DISTRICTS

Here are facts proven by science on the noise impact on the health of residents.

Living near highways is dangerous for your health

See WHO, INSPQ AND DSP¹: the most credible sources about public health.

Don't get confused

The one who depreciates the WHO, INSPQ, and DSP studies today used the same studies in 2018 to ban leaf blowers, **without asking for a specific study in Beaconsfield**

“Everyone has the right to the quality of the environment, to its protection and to the safeguard of the living species that inhabit it”

Environment Act, Art. 19.1

The city has the duty and the legal capacity to stop a pollution activity

“A loan by-law is only subject to the approval of the Minister [without referendum] when (...) the purpose of the work is to eliminate a risk to the health or safety of persons”

Cities and Towns Act, Art 556

Nearly a third of Beaconsfield's population lives in excessive noise

6,000 residents live within 300 meters of the highway and rails
That's several hundred citizens IN EACH DISTRICT
See also the letter from Dr. Kaiser, medical director of the DSP in Montreal

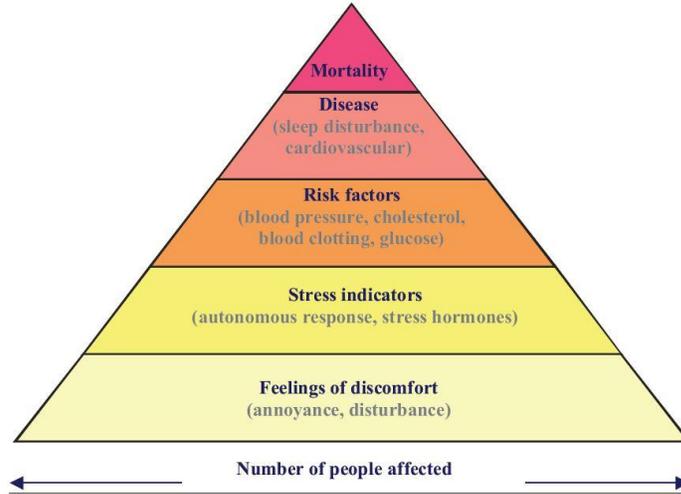
¹ WHO = World Health Organisation, INSPQ = Institut National de Santé Publique du Québec, DSP = Public Health Dept., Quebec Health Ministry

Excessive noise leads to diseases:

Tinnitus, increased risk of cardiovascular events, discomfort, concentration and sleep disturbance

Letter from Dr. Kaiser, WHO, INSPQ and DSP studies

Fig. 7.1. Severity of health effects of noise and number of people affected



Source: Babisch (3).

At least 22 Beaconsfield residents have such health problems, linked to the 20

Beaconsfield residents with health issues :

Name	Street	Noise	Air	How many feel health issues	How many years at this home
B	Jasper	1xsleep disturbance, feeling tired and irritable	4xallergies headaches	4	23
M	Kenwood	Sleep disturbance ear plugs		1	20
S	Prairie Dr	2xHearing impairment 2xSleep disturbance	2xBreathing issue (ex.: asthma, bronchitis,) 1xCardiovascular (heart) 1xMore difficult speech understanding	2	
A	Beaurepaire Dr	1xAcouphène(tinnitus)	1xBreathing issue	2	31
T & J	White Pine		1xBreathing (plus Lime disease)	1	25 and 15
I	Brunswick	2xSleep disturbance		5	18
L	Beaurepaire Dr	2xSleep disturbance, tinnitus concentration issues		2	13
H	Beaurepaire Dr	3xdepression		3	
T	St-Louis	2xVertigo, Sleep disturbance	2xAcute Bronchitis	2	41
				22	

Left, in red = facts – Right, in black = the sources of the proofs

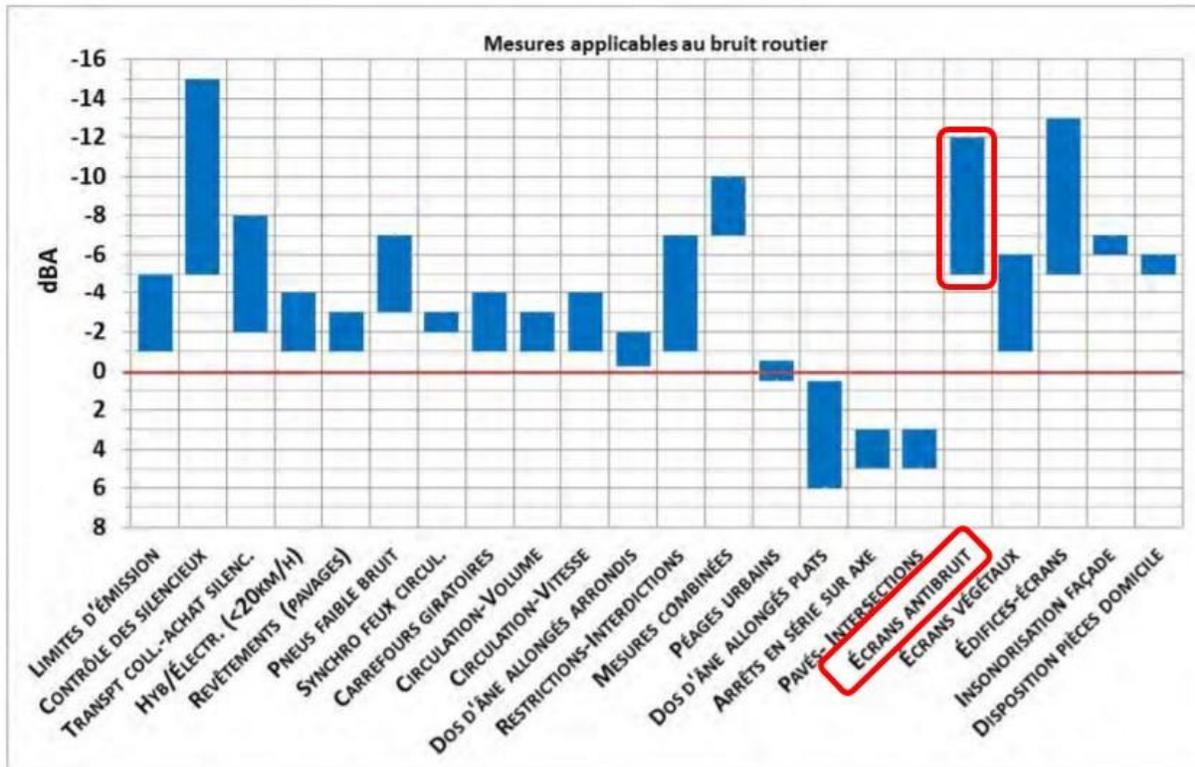
NOISE HURTS KIDS AND ELDERLY

There are 2,000 students in four schools and a daycare in front of the highway and the trains
 See WHO and INSPQ studies on the impact of noise on children



A noise barrier is the most effective solution to reduce the impact of noise on health

Figure 4 Plages de réduction ou d'augmentation du bruit routier (en dBA) selon la mesure appliquée



Source : Compilation INSPQ à partir des références citées dans la présente section sur le bruit de la circulation routière.

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This is the THIRD time that the MTQ has offered a noise barrier

3 MTQ proposals: 1987, 2010 and 2022

Because it is very important to reduce the impact of noise on our health in Beaconsfield.

The 2022 noise barrier is the most soundproof.

No noise bouncing

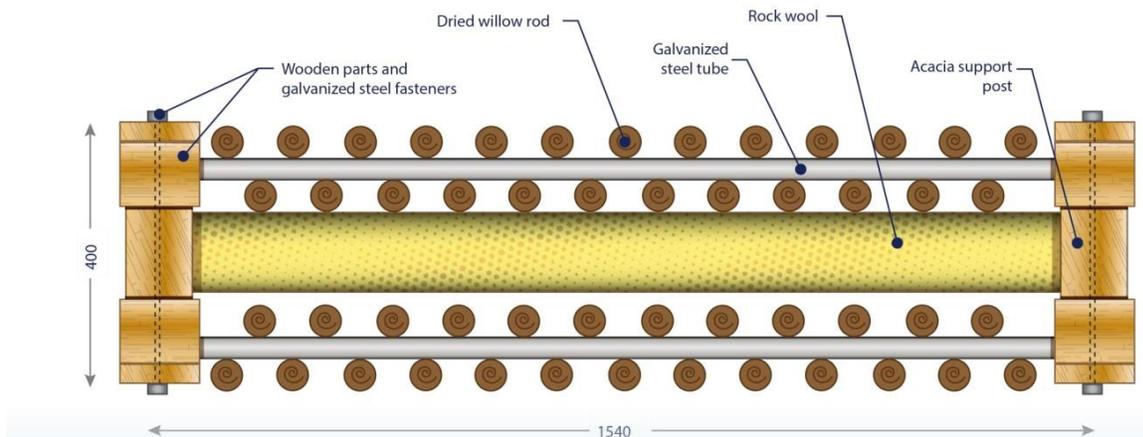
See the MTQ presentation, May 17, 2022

Chosen Solution

BARRIER MADE OF WOVEN WILLOW RODS



➡ Plan view of a barrier with 2 willow facades

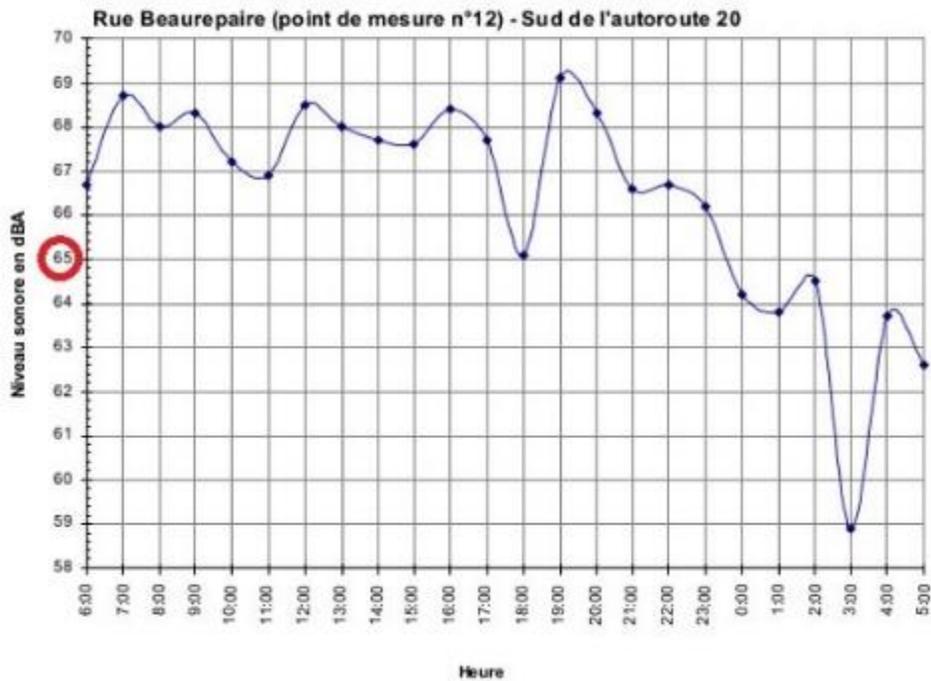


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The noise is also on the NORTH side, so the health issue hits ALL DISTRICTS

See letter from Dr. Kaiser, and
MTQ 2010 (Note: 55 dBA = OK, 65 dBA = MUST correct):

Variation journalière des niveaux sonores – Nord de l'A20



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