

1: Quieter City Life

2: My Cast

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I Saw &
Heard
This



Noise Bothers Us

- Noise reduces health, well-being
- Causes economic loss, reduces productivity
- "Noise produces direct and cumulative adverse effects that impair health ... with corresponding real (economic) and intangible (well-being) losses. Noise represents an important public health problem that can lead to hearing loss, ..., reduced productivity, negative social behaviour, ..."
- see "Noise Pollution & Human Health: A Review" on https://www.researchgate.net/profile/Hiral-Jariwala/publication/319329633_Noise_Pollution_Human_Health_A_Review/links/59a54434a6fdcc773a3b1c49/Noise-Pollution-Human-Health-A-Review.pdf

Noise Shortens Life

- "one million healthy life years are lost every year from traffic-related noise in the western part of Europe."
- from "Burden of disease from environmental noise / Quantification of healthy life years lost in Europe" on https://www.euro.who.int/__data/assets/pdf_file/0008/136466/e94888.pdf

City Legal Definition

- "Noise regulations"
- "93.001 Definitions and standards"
- "Noise. Any sound which is unwanted or which causes or tends to cause an adverse psychological or physiological effect on human beings."

Ordinance

- 93.002 Noises prohibited
- "(a) General prohibitions. It shall be unlawful for any person or for any person to allow another person to make, cause to be made or continued any noise disturbance within the limits of the city."
- I guess that means we all better go home right now!
- Residential daytime noise limit is 60 dbA per 93.003

Loud City Noises

- Concrete saw - 98 dBA Jackhammer - 102 dBA
- F-16 fighter jet - 94 dB F-35 fighter jet - 115 dB
- Train horn - 96 to 110 dB Backup beeper – 105 dB
- Dynamic engine braking - 101 dB
- <http://blog.e3diagnostics.com/10-loudest-items-on-a-jobsite>
- <https://www.fra.dot.gov/Page/P0889>
- <https://vtdigger.org/2012/06/17/leas-burlington-free-press-got-it-right-on-f-35-sound-level/>
- <https://www.jacobsvehiclesystems.com/sites/default/files/2018-08/vehicle-noise-and-compression-release-engine-braking-28307b.pdf>
- https://en.wikipedia.org/wiki/Back-up_beeper

Quieter Construction

- Use portable noise barriers
- Example 30 dB barrier from <https://www.steel-fence.com.au>



Backup Beepers

- Designed to be obnoxious (97-112 decibels per Wikipedia)
- How many lives do they save?
- How many “healthy life years” do they cost?
- Required by OSHA for vehicles with low rear visibility
- Install rear facing cameras
- Eliminate backup beepers

Reducing Other Noises

- Eliminate train horns in Sioux Falls. See "Noise Reduction" by myself presented April 11, 2018
- Eliminate dynamic engine braking on I-229 S near Riverside area
- Military jets should practice over rural areas, not urban

Topic 2: My Cast

- I was troubled about ...
- City police sometimes charge innocent people (me)
- City officials hire lawyers to protect cops that lie
- Lawyer files motion to withhold evidence
- District judge protects city officials by approving motions to withhold evidence. Judge “ignores” critical motions, prevents calling star witness
- Appeals judges protect district judge by not overturning unless there is “gross abuse of discretion”

Morals Of The Story

- “The system” protects itself in many ways
- System's oath to protect Constitution is pretense
- See Zokaite vs Sioux Falls, appeals case 20-3338
- Don't use machinery when distraught or ...



Enjoy
Serenity,
Nature

