

**From:** [ning.cui](#)  
**To:** [Community Development Email](#)  
**Subject:** Fwd: Unbalanced development leads to public safety and health threat at Larkspur - 15 houses survey  
**Date:** Sunday, May 20, 2018 9:26:13 PM  
**Attachments:** [EPA noise level.png](#)  
[noise level at Larkspur.png](#)  
[Ring daytime.png](#)  
[Ring nighttime.png](#)  
[Larkspur Traffic Report.docx](#)  
[traffic survey.xlsx](#)

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## **Unbalanced development leads to public safety and health threat at Larkspur**

-- 'Anything can go wrong will go wrong!' from Murphy's Law

**Purpose:** To investigate the impact of the current traffic on public safety and health at Larkspur community due to numerous traffic complaints from the neighborhood secondary to the rapid new developments.

**Method:** Traffic survey were filled up by 15 households at NW Larkspur St and 60 Th Ave in Camas. The traffic survey has 18 questions which assess the impact of current traffic to daily life and possible solutions to improved.

### **Results:**

**15/15 households** are bothered by current traffic.

### **Safety concerns:**

- 13 out of the 15 households have safety concern. Two households reported no safety concern are located at the end of 60 Ave and half their houses are underground.
- 73% feel it's unsafe for the kids to play in the yard.
- Speeding cars
- High flow traffic on 60 Th Ave which is only one and half lane after the public parking are occupied (Please refer the attachment for the frequency of significant motion which is caught by the Ring device. Ring is not sensitive detect slow traffic ).
- All houses on 60 Th have the garage door facing 60 Th Ave except one house at the Klickitat Ct .
- The road can be icy in the winter on both 60 Th and Larkspur due to the hill with history of car accident at 60 Th circle and tailgate
- Two school bus stop at the each end of 60 Th

### Health threat:

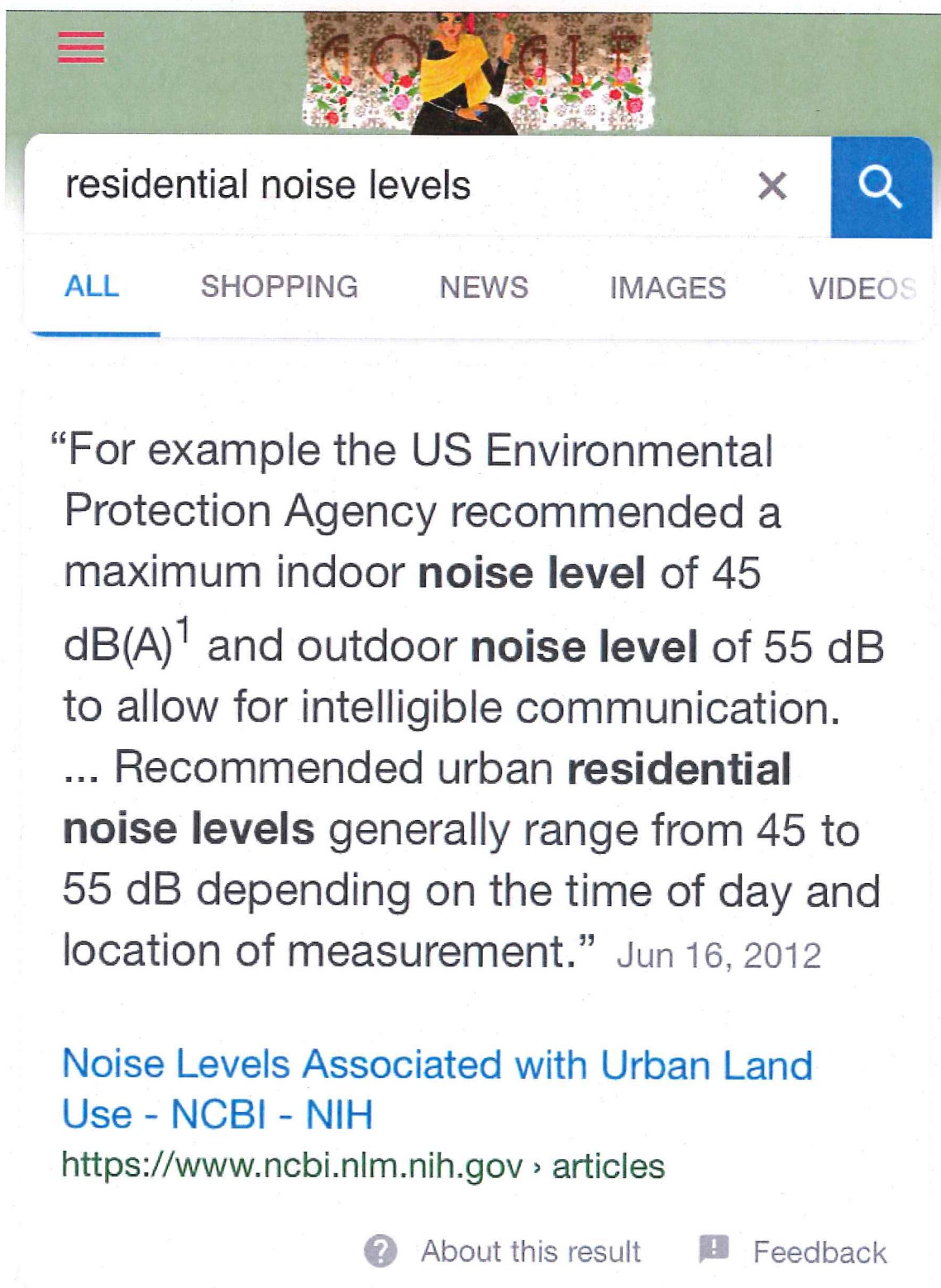
- 12 out of 15 households have been woken up early due to the traffic
- 5 families closed to the 60 Th circle and 2 families at the 59 Th circle report the difficulty to fall asleep on the top of early awakening.
- Serious consequence of chronic sleep deprivation: Fall asleep on the wheel due to day sleepiness, unemployment due to poor performance at job or school, worsening anxiety and depression

### Impact on daily quality of life:

- 73% report increasing traffic flow
- 73% are bothered by the noise. (Please refer to attachment for sound level around Larkspur. **Max of <55 db in residential area is recommended by either US Environmental Protection Agency, Seattle city rules or Portland city rules. Max on 60 Th is 85 db** by limited time recording !!!) .
- 60% family's outdoor activity are affected by the traffic.
- The light is the least concern.
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### • Possible solutions:

- 14/15 recommend the speed control either by speed limit sign, speed bump, curb extension, extended bike line, parking space line or other solutions.
- All the households at Larkspur St thinks sound proof barriers is needed
- 14/15 households would like heavy truck limitation. One commends trucks use 'Jake' braking which is the violation of traffic rules.
- More outlet for the new development to distribute the traffic flow at Larkspur



residential noise levels

ALL SHOPPING NEWS IMAGES VIDEOS

“For example the US Environmental Protection Agency recommended a maximum indoor **noise level** of 45 dB(A)<sup>1</sup> and outdoor **noise level** of 55 dB to allow for intelligible communication. ... Recommended urban **residential noise levels** generally range from 45 to 55 dB depending on the time of day and location of measurement.” Jun 16, 2012

Noise Levels Associated with Urban Land Use - NCBI - NIH

[https://www.ncbi.nlm.nih.gov › articles](https://www.ncbi.nlm.nih.gov/articles)

About this result Feedback

## PEOPLE ALSO ASK

What is the acceptable noise level in a residential area?

Edit

## Records

2018-01-17 07:27:27

Time: 43s Avg: 52dB Min: 25dB Max: 84dB

Truck loft



2018-01-16 07:29:30

Time: 13s Avg: 40dB Min: 18dB Max: 64dB

School bus



2018-01-16 07:01:51

Time: 267s Avg: 21dB Min: 4dB Max: 77dB

7 Am bedroom



2018-01-13 17:33:10

Time: 54s Avg: 44dB Min: 28dB Max: 69dB

Front



2018-01-13 17:29:14

Time: 26s Avg: 55dB Min: 32dB Max: 85dB

Minivan



2018-01-13 17:28:26

Time: 23s Avg: 51dB Min: 30dB Max: 78dB

SUV out



2018-01-13 17:27:46

Time: 30s Avg: 40dB Min: 27dB Max: 61dB



Construction Testing Lab  
Materials Testing



Construction Materials  
Testing and Inspection  
ctlwa.com



Main



Records



Noise Level



About





## My Device

\$0



Camas

Front Door  
**OWNER**

Set Up

**ALL ACTIVITY**

## RINGS

## MOTION

## STARRED

Front Door- Today 4:45 PM  
**MOTION**Front Door- Today 4:38 PM  
**MOTION**Front Door- Today 4:32 PM  
**MOTION**Front Door- Today 4:26 PM  
**MOTION**Front Door- Today 4:20 PM  
**MOTION**Front Door- Today 4:15 PM  
**MOTION**Front Door- Today 4:09 PM  
**MOTION**



# My Device

\$0



Camas



Front Door  
**OWNER**

Set Up

ALL ACTIVITY

RINGS

MOTION

STARRED



Front Door- 3/18/18, 3:52 AM  
**MOTION**



Front Door- 3/18/18, 3:29 AM  
**MOTION**



Front Door- 3/18/18, 3:14 AM  
**MOTION**



Front Door- 3/18/18, 1:36 AM  
**MOTION**



Front Door- 3/17/18, 11:15 PM  
**MOTION**



Front Door- 3/17/18, 10:45 PM  
**MOTION**



Front Door- 3/17/18, 9:25 PM  
**MOTION**



1	1	1	1	1	1	1	1	1	1	1	1	11	1			
1	0	1	1	1	1	0	1	1	0	1	8	0.727273				
1	1	1	1	1	1	0	1	1	0	1	9	0.818182				
0	0	0	0	0	0	0	1	0	0	0	1	0.090909				
1	1	1	1	1	0	1	1	1	0	1	9	0.818182				
1	0	0	0	0	0	0	0	0	1	0	2	0.181818				
1	1	1	1	1	0	1	1	1	0	1	9	0.818182				
1	1	1	1	0	1	1	1	0	0	1	8	0.727273				
0	1	0	1	0	0	1	1	0	0	0	4	0.363636				
1	1	1	1	1	0	1	1	1	1	0	9	0.818182				
0	0	0	0	0	0	0	1	0	0	0	1	0.090909				
1	1	1	1	0	0	0	0	0	0	1	5	0.454545				
0	0	1	1	0	0	0	1	0	0	0	3	0.272727				
1	0	1	1	1	0	0	1	1	1	1	8	0.727273				
1	0	1	1	1	0	0	1	1	1	1	8	0.727273				
0	1	1	1	1	1	1	1	1	0	1	9	0.818182				
0	0	1	1	0	0	0	0	0	0	0	2	0.181818				
0	0	0	0	0	0	0	0	1	1	0	2	0.181818				
11	9	0	13	14	0	9	5	7	14	0	9	5	10	9.636364	0	0