

## SR 520 Montlake Project

**Noise Monitoring Weekly Report Summary for**      **Monday, September 2, 2019**    to    **Sunday, September 8, 2019**

**PUBLISHED SEPTEMBER.11, 2019**

Monitoring times: Weekdays, 10 p.m. to 7 a.m.; weekends, 10 p.m. to 9 a.m.

**How to use this report:** This document summarizes the weekly nighttime noise data for the SR 520 Montlake Project. In it, you'll find:

- Page 1 - Summary of noise levels recorded above the limits allowed under the Major Public Project Construction Noise Variance, for this week and throughout the project. This includes non-project-related noise exceedances
- Page 2 - Map of the project limits and locations of the seven stationary monitor locations
- Pages 3 – 9 - Night-by-night noise recordings for each of the project noise monitors, along with a description of the work that night, comments received from the public regarding Project noise, and explanations for any noise limit exceedances and actions taken in response
- Page 10 - Log of public comments regarding nighttime noise issues and resolutions for the week

WSDOT is sharing this information as per the terms of the Major Public Project Construction Noise Variance (Permit #3030792).

**MPPCNV start date:**                      **Friday, August 16, 2019**

**MPPCNV days to date:**                **24**

WEEKLY TOTALS	
Nights worked this week (under the MPPCNV)	0
Project-related exceedances this week	0
Nighttime noise issue comments to project	1
Non-project-related noise exceedances this week	20

PROJECT TOTALS TO DATE	
Total Nights Worked	5
Total Project Related exceedances	0
Total noise issue comments to project	2
Total non-project related exceedances	71

**Noise Monitoring Locations:** the map below shows the work limits of the SR 520 Montlake Project and the locations of the seven stationary noise monitoring sites

**EXHIBIT 5. CONSTRUCTION AREA AND NOISE MEASUREMENT LOCATIONS**



**SR 520 Montlake Project**  
**Major Public Project Construction Noise Variance**  
**NOISE MONITORING - WEEKLY REPORT**  
Monday, September 2, 2019 to Sunday, September 8, 2019 10 pm to 7 am (weekdays)/ 9am (weekends)

The table below includes data gathered from noise monitoring equipment located at seven stationary and three portable locations throughout the Montlake Project area

<b>Monday, September 2, 2019</b>												
Site	Site limit*	10pm - 11pm	11pm - 12am	12am - 1am	1am - 2am	2am - 3am	3am - 4am	4am - 5am	5am - 6am	6am - 7am	7am - 8am	8am - 9am
Site 1 - 2449 E. Lk WA Blvd	67dB	60.4	58.7	56.2	54.2	52.6	54.8	56.2	61.1	66.2	N/A	N/A
Site 2 - 2015 E. Roanoke St	78dB	62.2	60.6	57.8	56.4	55.2	55.6	59.1	63.1	67.3	N/A	N/A
Site 3 - 3810 E. McGilvra St	62dB	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66dB	64.8	62.7	58.9	60.0	57.7	58.6	63.5	66.8	69.1	N/A	N/A
Site 5 - 2565 22nd Av E.	65dB	60.1	58.8	56.5	55.5	55.1	55.2	57.5	61.0	64.6	N/A	N/A
Site 6 - 2160 E. Hamlin St	63dB	56.8	54.2	53.4	57.9	56.9	55.4	57.8	59.7	64.8	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66dB	55.6	53.7	51.3	50.5	49.5	49.8	53.5	58.0	62.4	N/A	N/A
Portable Site 1 - Between Sites 4 and 6	63dB	#	#	#	#	#	#	#	#	#	N/A	N/A
Portable Site 2 - Between Sites 1 and 7	66dB	#	#	#	#	#	#	#	#	#	N/A	N/A
Portable Site 3 - Between Sites 1 and 7	66dB	#	#	#	#	#	#	#	#	#	N/A	N/A

\*1-Hour Leq

**Notes recorded by the on-site Independent Noise Monitor**

Work:  
No night time work performed between 9/02/2019 & 9/08/2019

Public Comments:  
No public comments received related to nighttime noise.

Exceedances:  
Not project related.

**Legend**

N/A = Time Period not applicable to MPPCNV  
Leq = Leq means the equivalent sound level, which is the constant sound level in a given time period.  
Red = Noise Level Exceedance  
~ = No Data Available  
# = No work in vicinity of portable site locations

**SR 520 Montlake Project**  
**Major Public Project Construction Noise Variance**  
**NOISE MONITORING - WEEKLY REPORT**  
**Monday, September 2, 2019 to Sunday, September 8, 2019 10 pm to 7 am (weekdays)/ 9am (weekends)**

The table below includes data gathered from noise monitoring equipment located at seven stationary and three portable locations throughout the Montlake Project area

<b>Tuesday, September 3, 2019</b>												
Site	Site limit*	10pm - 11pm	11pm - 12am	12am - 1am	1am - 2am	2am - 3am	3am - 4am	4am - 5am	5am - 6am	6am - 7am	7am - 8am	8am - 9am
Site 1 - 2449 E. Lk WA Blvd	67dB	61.4	58.8	56.1	51.9	51.5	51.2	55.9	61.0	65.8	N/A	N/A
Site 2 - 2015 E. Roanoke St	78dB	62.2	60.6	57.8	56.4	55.2	55.6	59.1	63.1	67.3	N/A	N/A
Site 3 - 3810 E. McGilvra St	62dB	~	~	~	~	~	61.1	63.4	65.8	67.5	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66dB	65.4	63.3	60.9	58.4	57.1	58.8	63.4	67.0	69.1	N/A	N/A
Site 5 - 2565 22nd Av E.	65dB	60.4	57.8	56.8	54.9	54.5	55.1	57.1	59.8	62.1	N/A	N/A
Site 6 - 2160 E. Hamlin St	63dB	61.4	58.8	57.6	49.8	53.9	53.7	59.3	59.8	60.2	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66dB	57.9	54.8	52.5	48.7	47.5	48.2	52.1	57.0	60.9	N/A	N/A
Portable Site 1 - Between Sites 4 and 6	63dB	#	#	#	#	#	#	#	#	65.6	N/A	N/A
Portable Site 2 - Between Sites 1 and 7	66dB	#	#	#	#	#	#	#	#	#	N/A	N/A
Portable Site 3 - Between Sites 1 and 7	66dB	#	#	#	#	#	#	#	#	#	N/A	N/A

\*1-Hour Leq

**Notes recorded by the on-site Independent Noise Monitor**

**Work:**

No night time work performed between 9/02/2019 & 9/08/2019

**Public Comments:**

No public comments received related to nighttime noise.

**Exceedances:**

Not project related.

**Legend**

N/A = Time Period not applicable to MPPCNV

Leq = Leq means the equivalent sound level, which is the constant sound level in a given time period.

Red = Noise Level Exceedance

~ = No Data Available

# = No work in vicinity of portable site locations



**SR 520 Montlake Project**  
**Major Public Project Construction Noise Variance**  
**NOISE MONITORING - WEEKLY REPORT**  
**Monday, September 2, 2019 to Sunday, September 8, 2019 10 pm to 7 am (weekdays)/ 9am (weekends)**

The table below includes data gathered from noise monitoring equipment located at seven stationary and three portable locations throughout the Montlake Project area

<b>Wednesday, September 4, 2019</b>												
Site	Site limit*	10pm - 11pm	11pm - 12am	12am - 1am	1am - 2am	2am - 3am	3am - 4am	4am - 5am	5am - 6am	6am - 7am	7am - 8am	8am - 9am
Site 1 - 2449 E. Lk WA Blvd	67dB	61.9	59.8	56.0	54.0	52.4	56.7	62.0	63.6	67.4	N/A	N/A
Site 2 - 2015 E. Roanoke St	78dB	63.8	60.6	57.8	56.1	55.5	57.3	59.1	63.2	65.7	N/A	N/A
Site 3 - 3810 E. McGilvra St	62dB	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66dB	64.7	62.9	60.1	58.0	55.8	55.7	63.3	67.3	69.5	N/A	N/A
Site 5 - 2565 22nd Av E.	65dB	61.8	58.9	56.9	55.7	55.2	56.1	57.5	60.8	63.5	N/A	N/A
Site 6 - 2160 E. Hamlin St	63dB	56.3	57.6	54.8	52.2	53.9	56.4	58.2	58.5	62.9	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66dB	57.5	55.4	52.1	49.7	48.7	49.6	53.4	58.1	62.8	N/A	N/A
Portable Site 1 - Between Sites 4 and 6	63dB	#	#	#	#	#	#	#	#	#	N/A	N/A
Portable Site 2 - Between Sites 1 and 7	66dB	#	#	#	#	#	#	#	#	#	N/A	N/A
Portable Site 3 - Between Sites 1 and 7	66dB	#	#	#	#	#	#	#	#	#	N/A	N/A
	*1-Hour Leq											

**Notes recorded by the on-site Independent Noise Monitor**

**Work:**

No night time work performed between 9/02/2019 & 9/08/2019

**Public Comments:**

No public comments received related to nighttime noise.

**Exceedances:**

Not project related.

**Legend**

N/A = Time Period not applicable to MPPCNV

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**SR 520 Montlake Project**  
**Major Public Project Construction Noise Variance**  
**NOISE MONITORING - WEEKLY REPORT**  
**Monday, September 2, 2019 to Sunday, September 8, 2019 10 pm to 7 am (weekdays)/ 9a.m. (weekends)**

The table below includes data gathered from noise monitoring equipment located at seven stationary and three portable locations throughout the Montlake Project area

<b>Thursday, September 5, 2019</b>												
Site	Site limit*	10pm - 11pm	11pm - 12am	12am - 1am	1am - 2am	2am - 3am	3am - 4am	4am - 5am	5am - 6am	6am - 7am	7am - 8am	8am - 9am
Site 1 - 2449 E. Lk WA Blvd	67dB	62.0	59.9	58.3	55.1	54.2	52.6	56.5	61.4	66.0	N/A	N/A
Site 2 - 2015 E. Roanoke St	78dB	62.5	61.3	59.5	57.4	56.6	56.4	59.9	62.5	65.6	N/A	N/A
Site 3 - 3810 E. McGilvra St	62dB	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66dB	64.8	63.8	61.5	59.4	58.3	59.7	64.0	66.9	69.4	N/A	N/A
Site 5 - 2565 22nd Av E.	65dB	60.4	59.2	57.8	56.2	55.8	55.5	58.0	60.1	63.2	N/A	N/A
Site 6 - 2160 E. Hamlin St	63dB	58.7	55.7	55.8	55.0	56.6	56.8	58.3	62.3	64.2	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66dB	57.1	55.1	53.5	50.5	49.5	49.4	52.4	57.3	61.8	N/A	N/A
Portable Site 1 - Between Sites 4 and 6	63dB	#	#	#	#	#	#	#	#	#	N/A	N/A
Portable Site 2 - Between Sites 1 and 7	66dB	#	#	#	#	#	#	#	#	#	N/A	N/A
Portable Site 3 - Between Sites 1 and 7	66dB	#	#	#	#	#	#	#	#	#	N/A	N/A

\*1-Hour Leq

**Notes recorded by the on-site Independent Noise Monitor**

**Work:**

No night time work performed between 9/02/2019 & 9/08/2019

**Public Comments:**

No public comments received related to nighttime noise.

**Exceedances:**

Not project related.

**Legend**

N/A = Time Period not applicable to MPPCNV

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Red = Noise Level Exceedance

~ = No Data Available

# = No work in vicinity of portable site locations

**SR 520 Montlake Project**  
**Major Public Project Construction Noise Variance**  
**NOISE MONITORING - WEEKLY REPORT**  
Monday, September 2, 2019 to Sunday, September 8, 2019 10 pm to 7 am (weekdays)/ 9am (weekends)

The table below includes data gathered from noise monitoring equipment located at seven stationary and three portable locations throughout the Montlake Project area

Friday, September 6, 2019												
Site	Site limit*	10pm - 11pm	11pm - 12am	12am - 1am	1am - 2am	2am - 3am	3am - 4am	4am - 5am	5am - 6am	6am - 7am	7am - 8am	8am - 9am
Site 1 - 2449 E. Lk WA Blvd	67dB	63.2	62	60	58.1	56.3	54.7	53.0	55.6	59.4	N/A	N/A
Site 2 - 2015 E. Roanoke St	78dB	64.1	62.1	60.1	58.3	56.5	55	55.5	58.1	61.7	N/A	N/A
Site 3 - 3810 E. McGilvra St	62dB	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66dB	66	66.5	62.8	60.1	58	57.4	58	62.7	65.8	N/A	N/A
Site 5 - 2565 22nd Av E.	65dB	61.5	59.4	57.4	55.8	53.9	52.4	53.2	55.6	59.3	N/A	N/A
Site 6 - 2160 E. Hamlin St	63dB	61.9	58.1	57.5	53.8	55.3	52.9	54.3	58.5	58	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66dB	58.6	56.7	55.1	53	51.1	50.6	49	52.5	55.2	N/A	N/A
Portable Site 1 - Between Sites 4 and 6	63dB	#	#	#	#	#	#	#	#	#	N/A	N/A
Portable Site 2 - Between Sites 1 and 7	66dB	#	#	#	#	#	#	#	#	#	N/A	N/A
Portable Site 3 - Between Sites 1 and 7	66dB	#	#	#	#	#	#	#	#	#	N/A	N/A

\*1-Hour Leq

### Notes recorded by the on-site Independent Noise Monitor

**Work:**

No night time work performed between 9/02/2019 & 9/08/2019

**Public Comments:**

No public comments received related to nighttime noise.

**Exceedances:**

Not project related.

**Legend**

N/A = Time Period not applicable to MPPCNV

Leq = Leq means the equivalent sound level, which is the constant sound level in a given time period.

Red = Noise Level Exceedance

~ = No Data Available

# = No work in vicinity of portable site locations

**SR 520 Montlake Project**  
**Major Public Project Construction Noise Variance**  
**NOISE MONITORING - WEEKLY REPORT**  
**Monday, September 2, 2019 to Sunday, September 8, 2019 10 pm to 7 am (weekdays)/ 9am (weekends)**

The table below includes data gathered from noise monitoring equipment located at seven stationary and three portable locations throughout the Montlake Project area

<b>Saturday, September 7, 2019</b>												
Site	Site limit*	10pm - 11pm	11pm - 12am	12am - 1am	1am - 2am	2am - 3am	3am - 4am	4am - 5am	5am - 6am	6am - 7am	7am - 8am	8am - 9am
Site 1 - 2449 E. Lk WA Blvd	67dB	64.7	62.9	61.5	61.6	60.0	53.4	52.6	52.9	56.9	59.2	61.9
Site 2 - 2015 E. Roanoke St	78dB	63.3	61.8	64	60.8	58.6	54.8	54.8	57.1	59.3	60.2	62.3
Site 3 - 3810 E. McGilvra St	62dB	~	~	~	~	~	~	~	~	~	~	~
Site 4 - 2800 Montlake Blvd E	66dB	64.7	65.4	66.7	64.3	61.9	58.7	58.8	60.9	66	66.2	67.3
Site 5 - 2565 22nd Av E.	65dB	61.4	59.7	60.4	58.7	57.1	54.5	54.7	56.1	57.5	58.3	50.4
Site 6 - 2160 E. Hamlin St	63dB	63.9	63.6	61.8	62	60.5	55.2	57.4	54.6	57.9	57.9	61.7
Site 7 - 2209 E. Lake Wa Blvd	66dB	60	58.2	57.5	55.9	55	48.9	49.2	49.7	53.7	56.8	59.4
Portable Site 1 - Between Sites 4 and 6	63dB	#	#	#	#	#	#	#	#	#	#	#
Portable Site 2 - Between Sites 1 and 7	66dB	#	#	#	#	#	#	#	#	#	#	#
Portable Site 3 - Between Sites 1 and 7	66dB	#	#	#	#	#	#	#	#	#	#	#

\*1-Hour Leq

**Notes recorded by the on-site Independent Noise Monitor**

**Work:**

No night time work performed between 9/02/2019 & 9/08/2019

**Public Comments:**

See public comment log for correspondence received

**Exceedances:**

Not project related.

**Legend**

N/A = Time Period not applicable to MPPCNV

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Red = Noise Level Exceedance

~ = No Data Available

# = No work in vicinity of portable site locations



**SR 520 Montlake Project**  
**Major Public Project Construction Noise Variance**  
**NOISE MONITORING - WEEKLY REPORT**  
**Monday, September 2, 2019 to Sunday, September 8, 2019 10 pm to 7 am (weekdays)/ 9am (weekends)**

The table below includes data gathered from noise monitoring equipment located at seven stationary and three portable locations throughout the Montlake Project area

<b>Sunday, September 8, 2019</b>												
Site	Site limit*	10pm - 11pm	11pm - 12am	12am - 1am	1am - 2am	2am - 3am	3am - 4am	4am - 5am	5am - 6am	6am - 7am	7am - 8am	8am - 9am
Site 1 - 2449 E. Lk WA Blvd	67dB	61.1	59.1	58.6	53.7	52.5	56.3	56.0	61.4	65.5	N/A	N/A
Site 2 - 2015 E. Roanoke St	78dB	61.4	63.1	57.9	56.1	57.0	69.2	29.2	62.5	65.2	N/A	N/A
Site 3 - 3810 E. McGilvra St	62dB	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66dB	64.8	62.9	61.7	59.1	57.2	64.5	64.2	67.3	69.2	N/A	N/A
Site 5 - 2565 22nd Av E.	65dB	59.5	63.7	56.6	55.6	55.9	68.6	57.6	50	62.8	N/A	N/A
Site 6 - 2160 E. Hamlin St	63dB	61	60.3	57	54	58.6	58.4	58.4	59.7	63	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66dB	57.7	58.4	52.3	50.2	49.1	57.4	53	57.7	61.1	N/A	N/A
Portable Site 1 - Between Sites 4 and 6	63dB	#	#	#	#	#	#	#	#	#	N/A	N/A
Portable Site 2 - Between Sites 1 and 7	66dB	#	#	#	#	#	#	#	#	#	N/A	N/A
Portable Site 3 - Between Sites 1 and 7	66dB	#	#	#	#	#	#	#	#	#	N/A	N/A

\*1-Hour Leq

**Notes recorded by the on-site Independent Noise Monitor**

**Work:**

No night time work performed between 9/02/2019 & 9/08/2019

**Public Comments:**

No public comments received related to nighttime noise.

**Exceedances:**

Not project related.

**Legend**

N/A = Time Period not applicable to MPPCNV

Leq = Leq means the equivalent sound level, which is the constant sound level in a given time period.

Red = Noise Level Exceedance

~ = No Data Available

# = No work in vicinity of portable site locations

**SR 520 Montlake to Lake Washington I/C and Bridge Replacement Project**  
**Major Public Project Construction Noise Variance**  
**NOISE MONITORING - WEEKLY REPORT**

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