

SR 520 Montlake Project

Noise Monitoring Weekly Report Summary for **Monday, August 26, 2019** to **Sunday, September 1, 2019**

PUBLISHED Sept. 05, 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

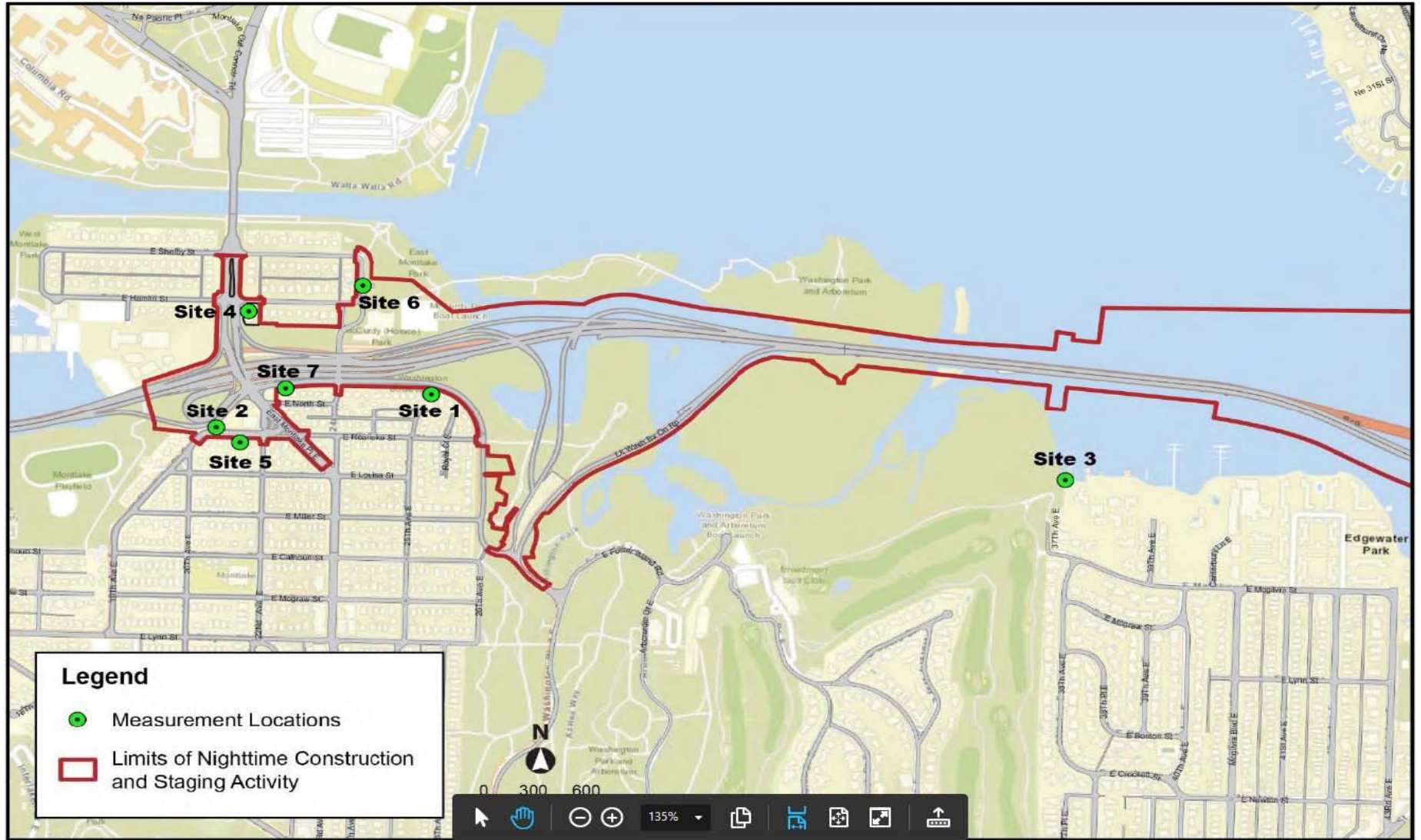
MPPCNV days to date: 17

WEEKLY TOTALS	
Nights worked this week (under the MPPCNV)	0
Project-related exceedances this week	0
Nighttime noise comments to project	0
Non-project-related noise exceedances this week	27

PROJECT TOTALS TO DATE	
Total nights worked	5
Total project-related exceedances	0
Total nighttime noise comments to project	1
Total non-project related exceedances	51

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, August 26, 2019 to Sunday, September 1, 2019 10 p.m. to 7 a.m. (weekdays)/ 9 a.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

Monday, August 26, 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	65.6	64.1	58.7	58.9	59.1	58.9	63.1	67.8	69.3	N/A	N/A
Site 2 - 2015 E. Roanoke St	78dB	63.2	60.8	60.0	56.7	56.0	56.2	59.9	63.4	66.6	N/A	N/A
Site 3 - 3810 E. McGilvra St	62dB	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66dB	65.6	64.1	58.7	58.9	59.1	58.9	63.1	67.8	69.3	N/A	N/A
Site 5 - 2565 22nd Av E.	65dB	60.9	59.0	58.0	56.4	56.1	56.1	58.6	61.3	64.2	N/A	N/A
Site 6 - 2160 E. Hamlin St	63dB	54.0	54.4	52.0	47.7	49.3	50.1	53.7	53.8	56.5	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66dB	58.0	56.2	55.6	50.4	50.1	50.5	55.0	58.2	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 work between 5/26/2019 & 9/1/2019
 No nighttime work performed this night.

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

Exceedances:
 Public traffic noise, none were project work 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
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Monday, August 26, 2019 to Sunday, September 1, 2019 10 p.m. to 7 a.m. (weekdays)/ 9 a.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

Tuesday, August 27, 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	72.4	64.1	61.7	59.8	57.7	59.1	63.5	67.6	72.1	N/A	N/A
Site 2 - 2015 E. Roanoke St	78dB	65.0	61.0	59.3	57.6	57.0	57.9	59.5	63.8	71.3	N/A	N/A
Site 3 - 3810 E. McGilvra St	62dB	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66dB	72.4	64.1	61.7	59.8	57.7	59.1	63.5	67.6	72.1	N/A	N/A
Site 5 - 2565 22nd Av E.	65dB	62.8	59.4	58.0	57.0	56.4	57.1	58.2	61.8	71.3	N/A	N/A
Site 6 - 2160 E. Hamlin St	63dB	56.5	56.0	54.0	51.6	50.0	51.3	54.4	57.0	59.0	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66dB	59.6	56.8	54.4	53.0	51.3	52.1	54.2	58.9	63.0	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 work between 5/26/2019 & 9/1/2019
 No nighttime work performed this night

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

Exceedances:
 Public traffic noise, none were project work related.

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SR 520 Montlake Project
Major Public Project Construction Noise Variance
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Monday, August 26, 2019 to Sunday, September 1, 2019 10 p.m. to 7 a.m. (weekdays)/ 9 a.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

Wednesday, August 28, 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	66.3	64.7	62.0	59.4	57.8	58.3	64.9	67.4	70.0	N/A	N/A
Site 2 - 2015 E. Roanoke St	78dB	64.8	61.8	59.1	58.1	58.3	56.3	59.0	62.7	65.2	N/A	N/A
Site 3 - 3810 E. McGilvra St	62dB	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66dB	66.3	64.7	62.0	59.4	57.8	58.3	64.9	67.4	70.0	N/A	N/A
Site 5 - 2565 22nd Av E.	65dB	62.3	59.9	57.7	57.5	56.6	55.6	57.4	60.2	62.7	N/A	N/A
Site 6 - 2160 E. Hamlin St	63dB	55.6	54.3	53.3	53.0	50.5	49.6	50.4	54.5	58.3	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66dB	58.2	56.3	54.0	54.2	51.0	50.6	52.7	57.2	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

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

Thursday, August 29, 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	67.8	65.4	62.9	59.9	57.9	60.6	63.8	66.9	69.3	N/A	N/A
Site 2 - 2015 E. Roanoke St	78dB	63.9	61.7	59.0	57.0	55.5	55.3	58.0	61.3	64.4	N/A	N/A
Site 3 - 3810 E. McGilvra St	62dB	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66dB	67.8	65.4	62.9	59.9	57.9	60.6	63.8	66.9	69.3	N/A	N/A
Site 5 - 2565 22nd Av E.	65dB	61.6	59.7	57.6	55.9	54.8	54.7	56.5	59.1	61.8	N/A	N/A
Site 6 - 2160 E. Hamlin St	63dB	56.7	54.6	52.6	48.3	48.7	47.7	50.0	54.3	57.8	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66dB	60.0	57.0	55.6	51.8	50.6	49.2	51.9	56.8	60.7	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

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Friday, August 30, 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	65.6	65.6	62.6	60.7	59.5	58.3	58.8	65.1	66.2	66.8	73.4
Site 2 - 2015 E. Roanoke St	78dB	64.8	64.3	60.7	59.1	57.9	55.6	58.3	60.5	61.5	61.9	63.9
Site 3 - 3810 E. McGilvra St	62dB	~	~	~	~	~	~	~	~	~	~	~
Site 4 - 2800 Montlake Blvd E	66dB	65.6	65.6	62.6	60.7	59.5	58.3	58.8	65.1	66.2	66.8	73.4
Site 5 - 2565 22nd Av E.	65dB	62.5	61.4	58.8	57.5	56.7	55.1	56.8	57.7	59.2	59.7	61.8
Site 6 - 2160 E. Hamlin St	63dB	53.9	53.3	50.4	49	48.4	45.9	48.2	51.6	52.8	55.7	57.1
Site 7 - 2209 E. Lake Wa Blvd	66dB	58.4	57.7	55.1	52.9	52.3	49.7	51.1	52.6	55.6	58.3	60.2
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

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

Saturday, August 31, 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	65.2	64.5	62.4	60.6	59.2	57.1	62.5	60.2	64.8	69.7	66.0
Site 2 - 2015 E. Roanoke St	78dB	64	62	60.6	59.3	57.8	55.2	62.2	56.5	59.3	61.4	62.8
Site 3 - 3810 E. McGilvra St	62dB	~	~	~	~	~	~	~	~	~	~	~
Site 4 - 2800 Montlake Blvd E	66dB	65.2	64.5	62.4	60.6	59.2	57.1	62.5	60.2	64.8	69.7	66.0
Site 5 - 2565 22nd Av E.	65dB	61.8	59.9	58.9	57.7	56.7	54.6	58.8	56	57.8	59.3	62.0
Site 6 - 2160 E. Hamlin St	63dB	54.1	53.6	53	51.7	48.6	44.8	48.7	49	51.4	53.4	56.4
Site 7 - 2209 E. Lake Wa Blvd	66dB	59	58.1	56.3	54.6	52.4	49.5	52.6	51.3	54.1	56.1	58.3
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 work between 5/26/2019 & 9/1/2019
 No nighttime work performed this night

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

Exceedances:
 Public traffic noise, none were project work related.

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Monday, August 26, 2019 to Sunday, September 1, 2019 10 p.m. to 7 a.m. (weekdays)/ 9 a.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

Sunday, September 1, 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	65.3	64.2	63.9	59.3	58.1	56.9	58.9	61.2	65.8	N/A	N/A
Site 2 - 2015 E. Roanoke St	78dB	63.3	62.2	61.0	58.2	58.0	54.7	56.6	57.8	61.0	N/A	N/A
Site 3 - 3810 E. McGilvra St	62dB	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66dB	65.3	64.2	63.9	59.3	58.1	56.9	58.9	61.2	65.8	N/A	N/A
Site 5 - 2565 22nd Av E.	65dB	61	60.3	58.6	57.1	56.5	55	56.1	56.7	59.6	N/A	N/A
Site 6 - 2160 E. Hamlin St	63dB	54.6	56.4	54.9	51.6	50.6	49.2	49.1	50	53.8	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66dB	58.9	59	56.5	54.1	52	50.3	50.7	52.4	56.7	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 work between 5/26/2019 & 9/1/2019
 No nighttime work performed this night

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

Exceedances:
 None

Legend

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