



SR 520 Montlake Project

Noise Monitoring Weekly Report Summary for **Monday, April 6, 2020** **to** **Sunday, April 12, 2020**

PUBLISHED APRIL 15, 2020

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: **241**

Beginning Thursday, March 26th, project construction is suspended due to the COVID-19 outbreak.

Beginning Tuesday, April 7th, the noise monitoring system is shutdown during the work stoppage.

WEEKLY TOTALS

Nights worked this week (under the MPPCNV)	0
Project related non-compliance this week	0
Nighttime noise issue comments to the project	0
Non-project-related noise exceedances this week	2

PROJECT TOTALS TO DATE

Total Nights Worked (under the MPPCNV)	74
Total Project related non-compliance	17
Total noise issue comments to the project	23
Total non-project related exceedances	1288

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, April 6, 2020 to Sunday, April 12, 2020 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

Monday, April 6, 2020												
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	67	51.5	49.5	47.7	45.4	45.0	45.0	50.0	50.8	54.1	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	57.7	57.0	54.2	52.4	51.6	50.6	54.3	56.8	59.6	N/A	N/A
Site 3 - 3810 E. McGilvra St	62	46.7	45.5	45.9	45.6	45.5	45.0	48.0	49.8	48.7	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	62.8	61.6	58.3	57.3	56.9	57.2	62.5	65.8	68.2	N/A	N/A
Site 5 - 2565 22nd Av E.	65	55.5	54.3	51.7	49.9	49.2	47.8	52.5	54.1	57.1	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	50.2	49.3	47.8	44.8	45.5	44.8	52.3	54.7	54.7	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	51.5	49.9	48.0	45.8	45.5	45.1	49.8	50.7	54.2	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	#	#	#	#	#	#	#	#	#	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	#	#	#	#	#	#	#	#	#	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	#	#	#	#	#	#	#	#	#	N/A	N/A

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

No nighttime construction work performed.

Public Comments:

No public comments received related to nighttime noise.

Exceedances:

Not project related. Exceedances are caused by public traffic driving by the noise monitors.

Non-Compliance:

None.

Legend

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

N/A = Time Period not applicable to MPPCNV

Red = Noise Level Exceedance, project related

Blue = Noise level exceedance, not project related

~ = No Data Available

= No contract work . Portable monitors are not being used (not needed).

SR 520 Montlake Project
Major Public Project Construction Noise Variance
NOISE MONITORING - WEEKLY REPORT
Monday, April 6, 2020 to Sunday, April 12, 2020 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

Tuesday, April 7, 2020												
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	67	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 3 - 3810 E. McGilvra St	62	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 5 - 2565 22nd Av E.	65	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	#	#	#	#	#	#	#	#	#	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	#	#	#	#	#	#	#	#	#	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	#	#	#	#	#	#	#	#	#	N/A	N/A

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

No nighttime construction work performed.

The contractor requested to shut the noise monitoring system down during the work shutdown. City of Seattle approved the request, and requested to have the system operating when night work resumes.

Public Comments:

No public comments received related to nighttime noise.

Exceedances:

Not project related. Exceedances are caused by public traffic driving by the noise monitors.

Non-Compliance:

None.

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Monday, April 6, 2020 to Sunday, April 12, 2020 10 pm to 7 am (weekdays) / 9am (weekends)

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Wednesday, April 8, 2020												
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	67	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 3 - 3810 E. McGilvra St	62	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 5 - 2565 22nd Av E.	65	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	#	#	#	#	#	#	#	#	#	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	#	#	#	#	#	#	#	#	#	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	#	#	#	#	#	#	#	#	#	N/A	N/A

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Notes recorded by the on-site Independent Noise Monitor

Work:

No nighttime construction work performed.

Public Comments:

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Not project related. Exceedances are caused by public traffic driving by the noise monitors.

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None.

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Thursday, April 9, 2020												
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	67	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 3 - 3810 E. McGilvra St	62	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 5 - 2565 22nd Av E.	65	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	#	#	#	#	#	#	#	#	#	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	#	#	#	#	#	#	#	#	#	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	#	#	#	#	#	#	#	#	#	N/A	N/A
*Hourly-Average Leq (dBA)												

Notes recorded by the on-site Independent Noise Monitor

Work:

No nighttime construction work performed.

Public Comments:

No public comments received related to nighttime noise.

Exceedances:

Not project related. Exceedances are caused by public traffic driving by the noise monitors.

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None.

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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

Friday, April 10, 2020												
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	67	~	~	~	~	~	~	~	~	~	~	~
Site 2 - 2015 E. Roanoke St	78	~	~	~	~	~	~	~	~	~	~	~
Site 3 - 3810 E. McGilvra St	62	~	~	~	~	~	~	~	~	~	~	~
Site 4 - 2800 Montlake Blvd E	66	~	~	~	~	~	~	~	~	~	~	~
Site 5 - 2565 22nd Av E.	65	~	~	~	~	~	~	~	~	~	~	~
Site 6 - 2160 E. Hamlin St	63	~	~	~	~	~	~	~	~	~	~	~
Site 7 - 2209 E. Lake Wa Blvd	66	~	~	~	~	~	~	~	~	~	~	~
Site 8 - Portable Between Sites 4 and 6	63	#	#	#	#	#	#	#	#	#	#	#
Site 9 - Portable Between Sites 1 and 7	66	#	#	#	#	#	#	#	#	#	#	#
Site 10 - Portable Between Sites 1 and 7	66	#	#	#	#	#	#	#	#	#	#	#
*Hourly-Average Leq (dBA)												

Notes recorded by the on-site Independent Noise Monitor

Work:

No nighttime construction work performed.

Public Comments:

No public comments received related to nighttime noise.

Exceedances:

Not project related. Exceedances are caused by public traffic driving by the noise monitors.

Non-Compliance:

None.

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Saturday, April 11, 2020												
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	67	~	~	~	~	~	~	~	~	~	~	~
Site 2 - 2015 E. Roanoke St	78	~	~	~	~	~	~	~	~	~	~	~
Site 3 - 3810 E. McGilvra St	62	~	~	~	~	~	~	~	~	~	~	~
Site 4 - 2800 Montlake Blvd E	66	~	~	~	~	~	~	~	~	~	~	~
Site 5 - 2565 22nd Av E.	65	~	~	~	~	~	~	~	~	~	~	~
Site 6 - 2160 E. Hamlin St	63	~	~	~	~	~	~	~	~	~	~	~
Site 7 - 2209 E. Lake Wa Blvd	66	~	~	~	~	~	~	~	~	~	~	~
Site 8 - Portable Between Sites 4 and 6	63	#	#	#	#	#	#	#	#	#	#	#
Site 9 - Portable Between Sites 1 and 7	66	#	#	#	#	#	#	#	#	#	#	#
Site 10 - Portable Between Sites 1 and 7	66	#	#	#	#	#	#	#	#	#	#	#
*Hourly-Average Leq (dBA)												

Notes recorded by the on-site Independent Noise Monitor

Work:

No nighttime construction work performed.

Public Comments:

No public comments received related to nighttime noise.

Exceedances:

Not project related. Exceedances are caused by public traffic driving by the noise monitors.

Non-Compliance:

None.

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Sunday, April 12, 2020												
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	67	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 3 - 3810 E. McGilvra St	62	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 5 - 2565 22nd Av E.	65	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	#	#	#	#	#	#	#	#	#	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	#	#	#	#	#	#	#	#	#	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	#	#	#	#	#	#	#	#	#	N/A	N/A

*Hourly-Average Leq (dBA)

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No nighttime construction work performed.

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10 p.m. to 7 a.m. (weekdays)/9a.m. (weekends)

[illegible]