

SR 520 Montlake Project

Noise Monitoring Weekly Report Summary for Monday, July 19, 2021 to Sunday, July 25, 2021

PUBLISHED JULY 28, 2021

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: 710

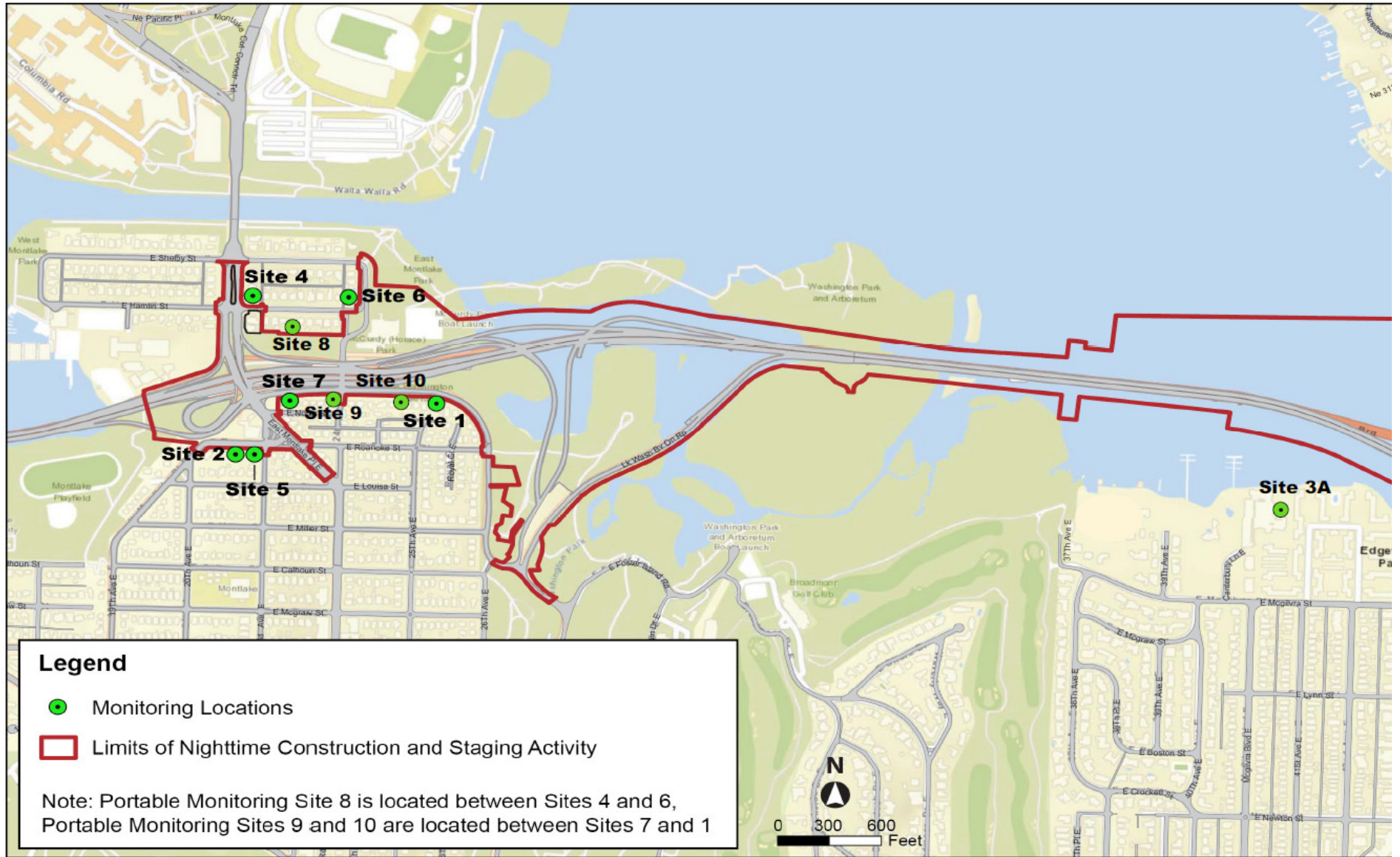
There were 21 MPPCNV noise exceedance but are not counted under the non-compliance due to the work being performed under TNV6849025-NV.

WEEKLY TOTALS	
Nights worked this week (under the MPPCNV)	7
Project related non-compliance this week	0
Nighttime noise issue comments to the project	1
Non-project-related noise exceedances this week	19

PROJECT TOTALS TO DATE	
Total Nights Worked (under the MPPCNV)	315
Total Project related non-compliance	65
Total noise issue comments to the project	62
Total non-project related exceedances	2807

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, July 19, 2021 to Sunday, July 25, 2021 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, July 19, 2021												
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	55.3	54.5	51.6	49.7	46.2	46.0	49.9	54.6	56.4	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	59.5	60.0	56.6	55.2	54.0	52.5	55.5	58.7	62.2	N/A	N/A
Site 3A - 3810 E. McGilvra St	62	52.8	51.9	50.1	46.9	40.2	37.7	43.3	49.4	50.4	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	64.9	62.9	60.3	57.7	56.2	56.2	62.9	69.3	68.8	N/A	N/A
Site 5 - 2565 22nd Av E.	65	57.8	58.1	54.7	53.0	51.5	50.3	53.7	56.5	60.6	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	51.4	53.0	50.9	47.4	40.4	40.7	45.3	50.4	52.4	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	53.0	53.6	49.6	47.8	44.6	44.7	48.5	51.3	55.7	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	53.8	54.9	52.0	49.3	44.9	44.8	48.9	52.0	54.8	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	61.0	59.2	55.2	51.6	48.3	50.2	66.4	59.4	64.6	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	62.6	60.3	57.0	53.6	50.3	52.1	57.2	62.1	65.1	N/A	N/A

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

Design-Builder worked between 10:00pm and 7:00am to work on installing underlid lighting and set up for day work.

Public Comments:

No public comments received related to nighttime noise.

Exceedances:

Site(s) 4 and 9 are 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, July 19, 2021 to Sunday, July 25, 2021 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, July 20, 2021												
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	56.7	54.6	50.9	47.6	46.5	45.7	49.9	56.7	58.4	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	60.5	59.2	56.9	55.4	54.7	53.5	54.6	59.0	62.5	N/A	N/A
Site 3A - 3810 E. McGilvra St	62	50.7	49.9	49.9	47.5	42.7	40.7	45.8	51.8	52.4	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	65.2	63.5	61.4	58.4	56.8	59.0	63.2	66.8	69.2	N/A	N/A
Site 5 - 2565 22nd Av E.	65	58.6	57.2	54.4	52.0	51.3	50.3	52.5	56.9	60.1	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	51.3	51.8	48.4	46.2	45.3	43.4	49.0	54.1	53.8	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	52.9	51.7	48.3	45.5	44.5	44.3	50.7	53.9	57.0	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	53.4	54.0	50.9	48.0	47.9	46.3	49.9	53.9	55.0	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	60.0	58.1	54.6	51.2	50.2	52.4	57.1	62.4	68.6	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	62.6	60.0	57.0	53.7	51.6	53.4	56.5	63.4	66.3	N/A	N/A

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

Design-Builder worked between 10:00pm and 7:00am to work on installing underlid lighting and set up for day work.

Public Comments:

No public comments received related to nighttime noise.

Exceedances:

Site(s) 4, 9 and 10 are 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, July 19, 2021 to Sunday, July 25, 2021 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

Wednesday, July 21, 2021												
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	59.7	53.1	50.6	49.3	46.8	48.8	52.5	57.4	59.1	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	60.8	58.6	57.3	56.5	54.5	55.1	56.9	60.1	63.6	N/A	N/A
Site 3A - 3810 E. McGilvra St	62	51.4	49.4	48.4	45.7	46.1	44.6	47.0	52.2	55.5	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	65.3	63.3	60.6	57.7	55.8	58.3	64.1	67.0	69.3	N/A	N/A
Site 5 - 2565 22nd Av E.	65	58.9	56.4	55.1	54.0	52.2	53.0	54.3	57.7	61.2	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	49.9	47.7	48.0	46.5	44.4	45.3	47.4	51.6	56.2	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	55.7	50.5	48.2	47.1	44.7	47.3	49.6	54.2	56.4	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	55.6	49.9	48.5	49.8	46.3	48.5	50.6	56.5	55.0	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	64.3	57.5	55.0	52.6	50.7	53.0	58.8	64.3	64.3	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	65.9	60.2	57.6	55.4	54.0	55.3	59.6	63.6	66.4	N/A	N/A

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

Design-Builder worked between 10:00pm and 7:00am to work on installing underlid lighting and set up for day work.

Public Comments:

No public comments received related to nighttime noise.

Exceedances:

Site(s) 4 and 10 are 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, July 19, 2021 to Sunday, July 25, 2021 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

Thursday, July 22, 2021												
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	56.2	54.5	52.7	48.5	47.1	47.5	50.7	58.6	58.2	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	60.8	58.9	57.0	55.4	55.6	54.5	55.7	60.5	62.3	N/A	N/A
Site 3A - 3810 E. McGilvra St	62	50.4	51.2	49.0	46.1	43.4	44.2	46.0	52.1	52.4	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	65.3	62.8	61.6	57.8	57.0	58.6	63.3	67.5	69.4	N/A	N/A
Site 5 - 2565 22nd Av E.	65	58.9	56.5	54.4	52.7	53.5	51.9	53.2	58.1	60.5	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	48.7	49.3	49.5	46.5	46.0	45.4	47.6	56.6	51.7	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	53.2	51.4	50.7	46.7	45.4	46.4	48.9	54.6	56.4	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	51.5	51.2	50.4	48.3	48.6	47.9	50.0	55.8	53.5	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	61.0	58.8	56.3	52.8	50.3	52.5	55.5	63.2	64.4	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	63.6	61.0	58.1	55.4	52.7	54.3	56.9	64.8	66.0	N/A	N/A

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

Design-Builder worked between 10:00pm and 7:00am to work on installing underlid lighting and set up for day work.

Public Comments:

No public comments received related to nighttime noise.

Exceedances:

Site(s) 4 and 10 are 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, July 19, 2021 to Sunday, July 25, 2021 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, July 23, 2021												
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	61.0	55.3	53.6	52.3	51.4	47.8	50.6	51.9	53.5	55.8	57.6
Site 2 - 2015 E. Roanoke St	78	61.8	59.6	58.2	56.9	54.8	52.5	54.1	56.8	58.7	61.8	61.7
Site 3A - 3810 E. McGilvra St	62	52.6	50.2	49.0	51.8	46.4	43.0	42.4	46.9	51.6	52.9	55.3
Site 4 - 2800 Montlake Blvd E	66	65.6	64.2	63.4	61.0	59.2	56.9	59.0	62.5	65.9	69.3	66.6
Site 5 - 2565 22nd Av E.	65	60.1	57.6	56.3	54.8	52.8	50.4	52.0	55.9	56.5	59.4	60.1
Site 6 - 2160 E. Hamlin St	63	54.5	51.0	49.8	50.4	49.0	47.5	46.1	48.7	50.6	52.4	57.8
Site 7 - 2209 E. Lake Wa Blvd	66	58.6	57.6	57.1	57.7	57.9	55.1	59.4	59.7	59.4	59.9	58.9
Site 8 - Portable Between Sites 4 and 6	63	54.7	52.7	52.1	57.1	51.4	48.8	49.4	51.4	51.8	53.0	57.2
Site 9 - Portable Between Sites 1 and 7	66	71.8	70.8	68.2	64.9	66.7	59.5	70.0	70.4	71.1	69.0	68.9
Site 10 - Portable Between Sites 1 and 7	66	69.4	61.9	60.1	57.0	58.8	51.9	58.9	58.9	60.9	60.8	62.9

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

Design-Builder worked between 10:00pm and 9:00am to work on installing drainage down the middle of Lake Washington Blvd and set up for day work. Work covered under TNV #6849025-NV.

Public Comments:

No public comments received related to nighttime noise.

Exceedances:

Site(s) 4 exceedances are not project related. Exceedances are caused by public traffic driving by the noise monitors.

Site 9 and 10 exceedances are project related. Work covered under TNV #6849025-NV.

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, July 19, 2021 to Sunday, July 25, 2021 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

Saturday, July 24, 2021												
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	56.3	58.3	53.9	52.5	52.3	50.3	49.7	50.7	52.5	54.3	54.0
Site 2 - 2015 E. Roanoke St	78	60.4	63.1	62.6	55.5	54.7	52.6	52.1	56.6	57.6	58.0	59.5
Site 3A - 3810 E. McGilvra St	62	55.0	54.5	51.9	52.9	52.9	52.3	51.0	43.9	47.4	49.5	51.5
Site 4 - 2800 Montlake Blvd E	66	65.2	66.5	69.1	59.5	59.0	56.7	56.7	61.4	65.1	64.2	65.3
Site 5 - 2565 22nd Av E.	65	58.5	59.8	59.0	53.6	52.9	50.9	50.3	54.2	55.1	56.5	58.1
Site 6 - 2160 E. Hamlin St	63	51.9	52.2	51.4	49.2	48.9	45.2	43.3	46.0	51.6	51.7	52.0
Site 7 - 2209 E. Lake Wa Blvd	66	57.8	67.8	63.4	63.2	60.1	60.0	59.1	57.2	63.3	65.1	62.7
Site 8 - Portable Between Sites 4 and 6	63	53.1	53.6	53.7	52.3	51.7	50.1	48.2	49.4	50.9	52.8	53.0
Site 9 - Portable Between Sites 1 and 7	66	62.9	70.1	69.2	68.2	61.9	59.8	65.2	63.3	64.8	64.0	64.8
Site 10 - Portable Between Sites 1 and 7	66	60.1	67.5	59.6	58.8	57.4	53.1	54.0	55.0	57.8	61.7	57.3

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

Design-Builder worked between 10:00pm and 9:00am to work on installing drainage down the middle of Lake Washington Blvd and set up for day work. Weekend work is covered under TNV #6849025-NV.

Public Comments:

No public comments received related to nighttime noise.

Exceedances:

Site(s) 4 exceedances are not project related. Exceedances are caused by public event near the noise monitors.

Site 7, 9 and 10 exceedances are project related. Work covered under TNV #6849025-NV.

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, July 19, 2021 to Sunday, July 25, 2021
 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

Sunday, July 25, 2021												
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	58.8	62.1	55.1	50.4	52.0	45.6	49.9	56.6	58.5	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	60.0	61.6	57.2	54.9	52.8	51.7	55.0	61.0	61.3	N/A	N/A
Site 3A - 3810 E. McGilvra St	62	52.3	52.4	53.0	54.3	53.9	52.7	52.0	51.9	52.5	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	65.6	61.0	60.1	58.0	57.1	57.8	62.0	70.2	68.7	N/A	N/A
Site 5 - 2565 22nd Av E.	65	58.5	60.3	55.1	53.0	51.1	49.8	52.6	58.4	59.3	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	51.4	50.8	49.1	47.1	47.8	44.4	47.1	51.0	51.0	N/A	N/A
Site 7 - 2209 E. Lake WA Blvd	66	63.7	65.3	66.2	49.5	47.1	45.2	47.2	52.6	55.2	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	53.8	52.0	51.3	48.6	49.2	46.5	48.4	51.8	53.8	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	71.6	73.2	68.1	64.5	53.6	48.8	51.9	60.0	63.5	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	66.7	73.3	65.7	58.9	57.7	50.1	53.4	62.3	65.6	N/A	N/A

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

Design-Builder worked between 10:00pm and 3:00am paving back the area of Lk WA Blvd that was removed for utility replacement work. Weekend work is covered under TNV #6849025-NV.

Public Comments:

12:08 a.m July 26th - A resident from E Hamlin Street called the hotline "to report noisy truck activity behind his house....". **The call required a follow-up. See Public Notice Log for additional details.**

Exceedances:

Site(s) 4 exceedances are not project related. Exceedances are caused by public traffic driving by the noise monitors.
 Site 7, 9 and 10 exceedances are project related. Work covered under TNV #6849025-NV.

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, July 19, 2021 to Sunday, July 25, 2021

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

Public Comment Log			
Date / Time	To/From	Issue	Resolution
07/26/2021 - 12:08 a.m	To: Project Hotline From: Resident near site #8	During the MPPCNV Monitoring: Resident "called the project hotline to report noisy truck activity behind his house. He also reported that he'd sent an email to the project early Saturday morning to complain about the noise but he hadn't heard back from anyone. He said he couldn't find the hotline number to call at that time. "	Bob Derry (Public Information Manager) answered the hotline call and "Bob asked him if he wanted a hotel room and he declined. Bob called Bryan Neet (PBS noise monitor) at 12:12 a.m. to report the complaint. Bryan reported that he didn't see any work going on directly behind Hamlin Street at that time. The crew was compacting the work area on Lake Washington Boulevard. There was no further communication about this complaint.