

SR 520 Montlake Project

Noise Monitoring Weekly Report Summary for **Monday, May 3, 2021** to **Sunday, May 9, 2021**

PUBLISHED MAY 12, 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**

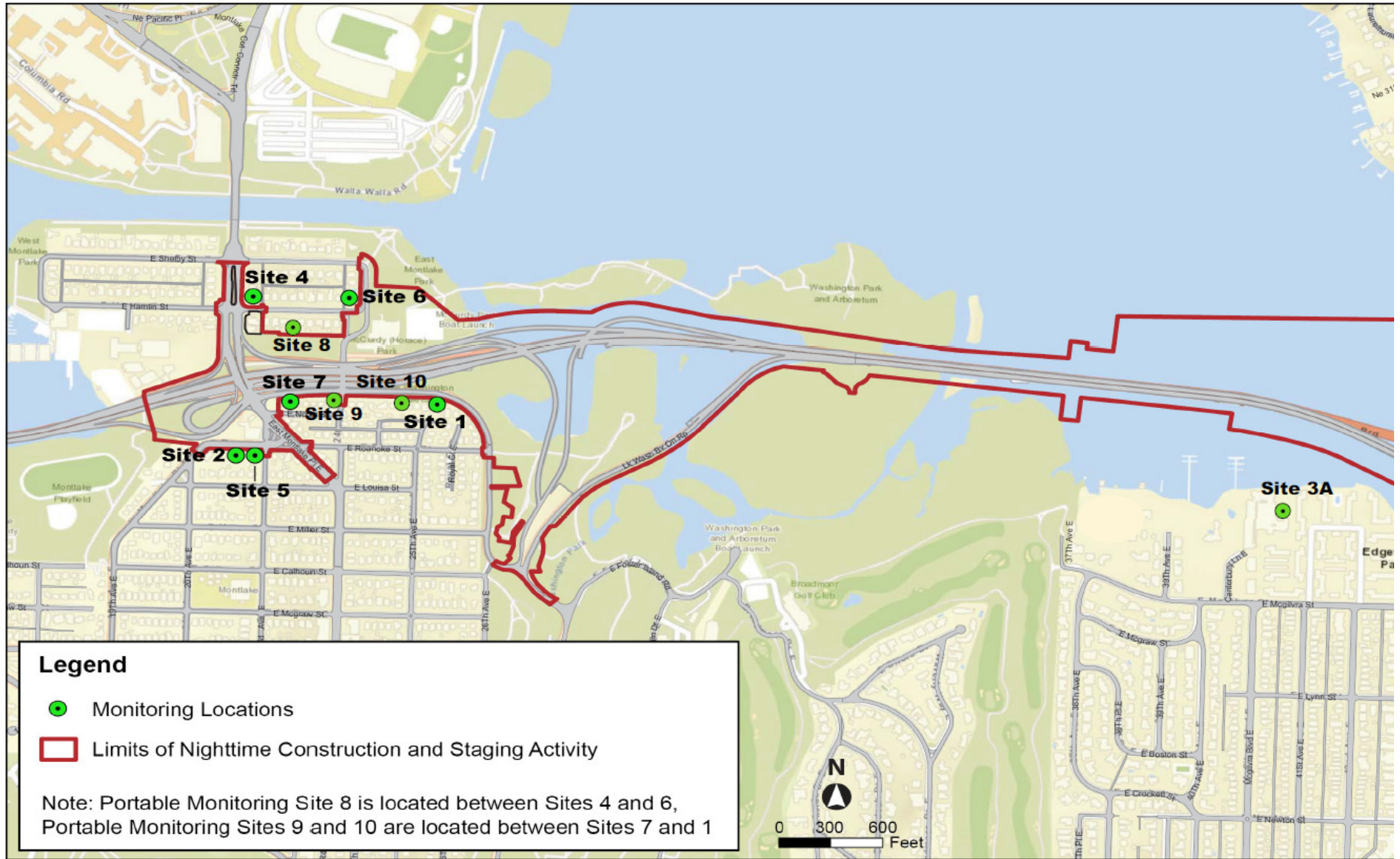
MPPCNV days to date: **633**

WEEKLY TOTALS	
Nights worked this week (under the MPPCNV)	5
Project related non-compliance this week	0
Nighttime noise issue comments to the project	2
Non-project-related noise exceedances this week	27

PROJECT TOTALS TO DATE	
Total Nights Worked (under the MPPCNV)	257
Total Project related non-compliance	57
Total noise issue comments to the project	59
Total non-project related exceedances	2531

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, May 3, 2021 to Sunday, May 9, 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, May 3, 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	51.9	49.5	47.5	45.1	45.2	46.1	52.2	57.0	60.0	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	59.8	58.5	56.8	56.1	55.6	56.5	59.0	62.6	64.1	N/A	N/A
Site 3A - 3810 E. McGilvra St	62	46.6	45.5	45.6	43.2	43.6	44.5	48.1	53.8	54.5	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	65.7	63.0	59.6	58.2	58.7	58.6	64.2	67.8	69.6	N/A	N/A
Site 5 - 2565 22nd Av E.	65	58.4	57.0	55.3	54.5	54.1	54.9	57.2	60.6	62.3	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	50.8	48.2	47.8	44.3	45.4	44.4	48.5	53.5	54.8	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	54.5	53.2	52.8	51.7	51.9	52.9	53.9	55.7	61.2	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	53.3	52.1	53.2	50.0	49.0	52.7	51.6	53.9	54.9	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	60.6	57.3	55.8	54.1	53.9	55.0	57.7	62.8	69.0	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	62.2	59.0	55.8	53.1	52.5	53.9	58.6	64.7	68.1	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 the Montlake lid to set form deck soffit, strip forms, install rebar at the Montlake lid, assemble rebar cages, and set up for day work.

Public Comments:

8:00 a.m May 4th - A resident that lives on E Hamlin Street spoke to Cheryl to "complain of construction noise onsite the night before... requested that Cheryl find out what is happening tonight (5/4) and potentially have a hotel for tonight's activities." The call required a follow-up. **See Public Notice Log for additional details.**

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, May 3, 2021 to Sunday, May 9, 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, May 4, 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	54.0	52.0	49.5	49.6	52.7	50.0	51.8	57.0	60.0	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	60.3	58.9	57.3	60.8	56.7	57.0	58.6	63.8	63.7	N/A	N/A
Site 3A - 3810 E. McGilvra St	62	49.0	47.0	45.8	43.6	44.2	48.9	47.1	53.5	53.7	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	64.9	62.6	59.8	58.1	58.4	59.8	63.2	72.5	69.7	N/A	N/A
Site 5 - 2565 22nd Av E.	65	58.6	57.3	55.6	62.3	55.0	55.5	56.9	62.0	62.0	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	49.4	48.7	47.2	44.5	45.1	50.0	59.6	54.1	54.2	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	55.8	53.5	53.7	52.9	54.5	53.9	55.3	55.1	59.2	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	53.8	54.5	52.7	51.5	51.2	52.0	51.9	52.9	54.9	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	60.2	58.6	57.1	53.8	56.6	57.5	58.3	62.8	71.0	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	62.6	60.3	56.8	55.0	58.5	56.2	58.6	64.6	67.8	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 the Montlake lid to set form deck soffit, strip forms, install rebar at the Montlake lid, assemble rebar cages, 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

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= 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, May 3, 2021 to Sunday, May 9, 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, May 5, 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	53.5	51.5	48.5	47.3	47.0	47.8	50.3	53.8	57.1	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	63.1	60.1	58.1	56.7	56.3	55.2	57.4	59.7	61.7	N/A	N/A
Site 3A - 3810 E. McGilvra St	62	51.6	50.1	47.6	46.2	44.9	45.3	46.3	51.6	52.4	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	66.0	62.6	60.3	57.9	59.0	58.2	63.9	67.4	68.6	N/A	N/A
Site 5 - 2565 22nd Av E.	65	61.8	58.5	56.5	55.1	54.8	53.8	55.7	57.8	60.0	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	53.2	51.4	48.8	46.9	45.7	52.8	54.0	55.1	56.5	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	55.7	53.9	53.4	51.3	51.2	52.3	52.5	52.6	57.6	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	54.1	52.4	51.1	49.9	48.9	50.6	53.1	55.1	56.6	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	60.1	61.8	56.1	53.5	54.1	55.4	69.1	61.7	65.1	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	62.3	60.7	56.1	54.0	54.4	56.0	57.7	63.0	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 the Montlake lid to set form deck soffit, strip forms, set fencing panels at the old canal, install rebar at the Montlake lid, assemble rebar cages, and set up for day work.

Public Comments:

10:54 p.m May 5th - A text to Amanda Christopher (Communications Staff) was received from a resident that lives on E Hamlin Street to report that "A lot of racket tonight. Can someone call me in the morning. Also want to get info on sound mitigation program". The text required a follow-up. **See Public Notice Log for additional details.**

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.

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Red = Noise Level Exceedance, project related

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Monday, May 3, 2021 to Sunday, May 9, 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, May 6, 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	52.7	49.8	46.6	44.9	45.9	44.9	49.0	53.8	56.9	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	59.7	58.2	55.9	54.4	54.7	54.9	57.8	61.3	63.4	N/A	N/A
Site 3A - 3810 E. McGilvra St	62	48.9	47.1	44.1	43.2	44.1	43.0	45.8	51.6	53.1	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	65.0	62.8	60.0	58.1	58.4	59.8	63.6	68.2	70.2	N/A	N/A
Site 5 - 2565 22nd Av E.	65	58.5	56.8	54.7	53.3	53.8	53.6	56.2	59.3	61.5	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	53.1	50.7	47.1	46.4	48.0	52.3	52.3	53.6	56.3	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	54.5	53.2	51.5	51.9	51.9	51.9	53.4	53.0	57.3	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	55.0	52.6	49.4	49.5	53.1	48.9	51.9	53.9	56.3	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	60.6	57.0	54.4	53.3	54.5	55.8	64.1	61.2	64.3	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	61.5	58.8	56.1	53.8	53.3	54.5	57.9	63.3	66.2	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 the Montlake lid to set form deck soffit, strip forms, install rebar at the Montlake lid, assemble rebar cages, 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.

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Red = Noise Level Exceedance, project related

Blue = Noise level exceedance, not project related

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Monday, May 3, 2021 to Sunday, May 9, 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, May 7, 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	55.9	54.9	50.6	48.8	48.0	45.3	45.3	51.2	52.8	54.0	57.0
Site 2 - 2015 E. Roanoke St	78	62.6	61.0	58.2	56.4	55.1	55.3	54.5	58.3	60.3	60.9	62.8
Site 3A - 3810 E. McGilvra St	62	50.6	51.3	46.5	44.3	44.5	41.4	40.5	49.7	48.3	48.7	51.0
Site 4 - 2800 Montlake Blvd E	66	71.3	66.8	62.9	59.8	59.0	57.8	58.6	63.6	67.0	67.0	67.8
Site 5 - 2565 22nd Av E.	65	61.6	60.4	57.0	55.1	53.8	54.3	53.4	56.6	58.4	59.3	61.5
Site 6 - 2160 E. Hamlin St	63	56.4	55.1	53.9	51.0	49.7	47.6	49.7	50.8	52.8	54.3	54.5
Site 7 - 2209 E. Lake Wa Blvd	66	57.7	55.3	51.5	50.3	48.1	46.9	46.1	50.3	54.6	56.7	57.9
Site 8 - Portable Between Sites 4 and 6	63	57.8	55.9	53.6	51.4	50.6	48.4	48.7	52.0	54.9	55.7	56.0
Site 9 - Portable Between Sites 1 and 7	66	62.5	63.0	57.0	56.4	53.4	55.5	50.7	57.3	58.6	62.5	63.9
Site 10 - Portable Between Sites 1 and 7	66	63.8	63.9	57.8	56.7	55.3	54.3	53.5	59.0	61.1	63.6	66.7

*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 the Montlake lid to set form deck soffit, install rebar at the Montlake lid, assemble rebar cages, 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

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Monday, May 3, 2021 to Sunday, May 9, 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, May 8, 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	54.4	52.3	49.7	47.3	46.2	43.5	46.6	49.3	50.1	52.5	55.6
Site 2 - 2015 E. Roanoke St	78	61.5	59.9	60.0	56.4	54.8	55.6	54.0	56.0	58.5	59.8	64.5
Site 3A - 3810 E. McGilvra St	62	49.4	48.1	46.8	43.0	41.6	38.4	40.4	48.4	45.6	48.3	52.2
Site 4 - 2800 Montlake Blvd E	66	65.8	64.3	61.9	59.6	57.7	64.6	58.2	63.0	65.3	65.6	72.3
Site 5 - 2565 22nd Av E.	65	59.9	58.1	59.1	55.0	53.5	53.8	53.1	54.4	56.8	58.3	62.5
Site 6 - 2160 E. Hamlin St	63	52.1	49.9	48.9	46.5	44.4	55.0	48.0	49.9	58.3	51.9	53.4
Site 7 - 2209 E. Lake Wa Blvd	66	54.4	52.5	51.6	47.6	45.9	45.7	46.1	47.5	50.3	51.6	55.8
Site 8 - Portable Between Sites 4 and 6	63	54.1	51.9	50.9	48.5	46.6	48.1	49.1	49.3	51.3	51.9	54.7
Site 9 - Portable Between Sites 1 and 7	66	61.5	61.7	56.3	55.2	50.6	49.1	51.5	52.7	56.1	58.4	61.9
Site 10 - Portable Between Sites 1 and 7	66	63.7	61.8	58.2	55.8	53.4	51.7	52.4	56.1	58.7	61.4	64.5

*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:

Site(s) 4 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.

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Sunday, May 9, 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	55.5	51.3	49.5	51.7	46.6	46.7	51.3	56.8	59.8	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	61.8	58.3	57.6	56.3	55.3	56.0	59.1	64.0	63.6	N/A	N/A
Site 3A - 3810 E. McGilvra St	62	50.8	47.8	45.2	46.2	42.2	43.1	46.5	52.9	53.6	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	64.9	61.6	65.9	57.6	57.5	58.4	63.6	68.9	70.0	N/A	N/A
Site 5 - 2565 22nd Av E.	65	60.1	56.9	56.2	55.0	53.6	54.3	57.0	61.6	61.8	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	50.5	48.6	50.8	52.3	49.0	48.5	57.0	55.7	55.9	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	53.2	50.1	49.7	49.9	47.0	46.9	53.3	55.5	58.9	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	52.5	51.0	51.8	52.8	50.3	49.2	52.5	56.5	57.3	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	60.0	56.2	54.0	56.5	51.4	50.2	65.0	62.6	68.9	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	62.1	58.3	55.9	55.8	51.6	50.6	57.4	64.0	67.2	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:

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

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Major Public Project Construction Noise Variance
NOISE MONITORING - WEEKLY REPORT

Monday, May 3, 2021 to Sunday, May 9, 2021

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

Public Comment Log			
Date / Time	To/From	Issue	Resolution
05/03/2021 - 8:00 a.m	To: Cheryl Webster (Senior Administrative Assistant) From: Residents on E Hamlin St	During the MPPCNV Monitoring: Resident on Hamlin Street spoke with "Cheryl the morning of 5/4 to complain of construction noise onsite the night before. She did not call into the hotline as she assumed there was nothing that could be done based on conversations Cheryl had with her regarding the current work occurring onsite. She requested that Cheryl find out what is happening tonight (5/4) and potentially have a hotel for tonight's activities."	Cheryl Webster (Senior Administrative Assistant) responded to resident that "will investigate further and report back to both Comms, WSDOT and resident. Cheryl called resident back and booked a hotel room for her family for the night of May 4."
05/05/2021 - 10:54 p.m	To: Amanda Christopher (Communications Staff) From: Residents on E Hamlin St	During the MPPCNV Monitoring: Resident on Hamlin Street sent a text message to report "A lot of racket tonight. Can someone call me in the morning. Also want to get info on sound mitigation program... said it really wasn't too much of a bother and he only heard it because he happened to be awake at that time. The noise consisted of mostly hammering. He said he wasn't really filing a complaint. He just wanted us to know that people could hear the noise and he didn't want us to change the operation. He understood why we need to work at night."	Bob Derry (Public Information Manager) called the resident on "5/6 at 11:22 A.M and asked about the noise he reported last night... Bob told resident that WSDOT would be sending him information about the noise mitigation program"