

SR 520 Montlake Project*** Updated Version****Noise Monitoring Weekly Report Summary for Monday, January 18, 2021 to Sunday, January 24, 2021****PUBLISHED JANUARY 27, 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:** 528

WEEKLY TOTALS	
Nights worked this week (under the MPPCNV)	5
Project related non-compliance this week	1
Nighttime noise issue comments to the project	0
Non-project-related noise exceedances this week	31

PROJECT TOTALS TO DATE	
Total Nights Worked (under the MPPCNV)	175
Total Project related non-compliance	49
Total noise issue comments to the project	50
Total non-project related exceedances	2097

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, January 18, 2021 to Sunday, January 24, 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, January 18, 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	55.2	54.2	50.4	47.8	50.5	49.5	52.3	56.4	59.8	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	59.9	59.0	55.5	51.5	53.6	54.1	58.5	60.7	62.1	N/A	N/A
Site 3A - 3810 E. McGilvra St	62	48.4	48.0	44.3	43.4	46.4	43.4	46.6	49.9	52.8	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	64.0	62.5	60.3	57.9	58.9	59.6	68.8	68.6	69.6	N/A	N/A
Site 5 - 2565 22nd Av E.	65	57.6	56.8	53.3	49.4	51.4	51.9	55.7	58.2	60.3	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	52.5	50.3	47.7	43.0	49.0	44.9	48.8	53.2	57.0	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	53.6	52.0	48.8	45.1	49.9	47.1	53.9	59.4	62.0	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	54.4	51.5	48.6	44.1	49.0	47.3	52.6	59.2	61.1	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	59.0	56.6	53.3	50.4	51.2	52.7	60.5	65.4	67.4	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	60.8	59.3	55.5	52.0	53.3	54.8	57.5	63.5	66.9	N/A	N/A
*Hourly-Average Leq (dBA)												

Notes recorded by the on-site Independent Noise Monitor

Work:

Design-Builder worked between 4:00am and 7:00am for concrete pour on pier 3 and set up for day work. Seattle Public Utilities were working on storm damage repairs and not project related 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, January 18, 2021 to Sunday, January 24, 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, January 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	55.4	54.6	52.6	53.4	53.2	54.6	54.5	58.3	61.1	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	58.6	58.5	56.1	53.9	56.0	54.5	57.6	61.9	64.2	N/A	N/A
Site 3A - 3810 E. McGilvra St	62	47.7	46.3	44.3	44.2	44.0	49.0	49.0	50.6	53.5	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	64.0	63.3	60.7	58.9	58.3	59.7	64.5	68.7	69.8	N/A	N/A
Site 5 - 2565 22nd Av E.	65	56.3	56.0	54.0	51.5	55.4	52.1	54.8	59.4	62.3	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	53.5	52.8	52.6	51.7	51.7	50.8	53.0	54.2	56.5	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	53.0	52.8	51.4	53.1	52.2	50.3	50.7	56.9	59.1	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	52.9	52.2	52.0	50.9	51.6	49.4	52.4	55.7	57.6	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	61.3	61.3	59.0	63.4	61.5	60.6	55.6	68.8	69.6	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	61.4	60.5	58.3	59.7	59.8	58.2	57.4	63.8	67.6	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 7:00am to install bull rail, stage and sled set up on the old WABS, boring conduit 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, January 18, 2021 to Sunday, January 24, 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, January 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	57.2	54.6	53.3	54.0	53.6	53.9	54.0	57.4	60.7	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	58.7	57.3	54.4	53.2	53.6	53.7	57.2	61.5	63.4	N/A	N/A
Site 3A - 3810 E. McGilvra St	62	48.2	48.0	42.5	49.9	49.3	48.7	45.8	50.6	52.9	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	64.5	63.0	59.9	58.1	59.1	58.8	63.9	68.9	70.6	N/A	N/A
Site 5 - 2565 22nd Av E.	65	56.6	55.0	52.2	50.9	51.9	51.6	54.5	59.0	61.4	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	53.1	52.7	53.4	51.1	49.8	51.0	47.7	52.4	54.9	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	53.8	51.2	50.2	50.7	48.7	50.4	51.2	55.3	59.2	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	52.7	52.0	51.1	49.1	49.8	48.7	49.8	54.6	57.0	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	64.3	61.6	61.9	62.1	57.8	58.9	57.1	61.8	67.2	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	61.7	57.6	56.7	57.7	54.9	58.5	58.7	62.7	67.6	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 7:00am to install bull rail, weld steel plates, install cameras, boring for conduit 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: - 3:38am, Trenchless had an equipment with a pure backup alarm. Martin/Gary with PBS was notified. Trenchless disabled the pure backup alarm before returning to night work.												

Legend

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Red = Noise Level Exceedance, project related

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

SR 520 Montlake Project
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NOISE MONITORING - WEEKLY REPORT
Monday, January 18, 2021 to Sunday, January 24, 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, January 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	57.9	56.7	54.1	53.3	52.5	53.9	54.0	58.3	60.4	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	60.0	58.9	56.4	54.9	53.1	55.4	59.0	61.9	63.9	N/A	N/A
Site 3A - 3810 E. McGilvra St	62	49.3	48.6	47.6	44.0	51.2	43.6	47.0	51.8	54.9	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	64.6	62.9	60.3	59.1	56.8	59.3	66.8	68.1	69.5	N/A	N/A
Site 5 - 2565 22nd Av E.	65	57.6	56.4	54.4	52.8	51.0	53.5	56.0	59.4	61.7	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	51.4	49.9	47.2	47.4	45.8	48.0	47.0	50.2	53.1	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	53.9	52.6	49.8	48.4	47.4	49.1	51.3	56.2	58.2	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	52.5	50.7	48.4	46.6	46.2	47.9	49.5	52.0	54.7	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	62.4	61.5	57.4	56.0	56.4	58.2	58.0	63.6	65.9	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	61.8	60.1	58.4	57.8	55.3	58.1	58.5	64.5	66.5	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 install bull rail, weld steel plates, install conduit 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

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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, January 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	59.1	58.6	55.0	52.8	51.8	50.8	52.5	52.5	56.8	60.3	60.4
Site 2 - 2015 E. Roanoke St	78	62.2	60.9	59.1	71.6	55.2	55.0	54.4	57.1	59.9	60.9	61.8
Site 3A - 3810 E. McGilvra St	62	51.5	50.2	48.3	47.4	46.0	47.9	45.9	46.0	49.3	52.4	55.8
Site 4 - 2800 Montlake Blvd E	66	65.9	64.1	62.3	67.5	59.4	59.2	59.5	63.5	66.8	67.0	68.1
Site 5 - 2565 22nd Av E.	65	60.1	58.5	57.0	71.1	53.0	52.7	52.8	55.0	57.6	58.8	59.5
Site 6 - 2160 E. Hamlin St	63	56.8	56.8	55.0	52.7	51.2	50.5	50.3	50.0	55.5	58.4	57.6
Site 7 - 2209 E. Lake Wa Blvd	66	55.9	55.2	53.5	54.6	48.5	49.1	48.3	50.7	54.7	56.3	57.3
Site 8 - Portable Between Sites 4 and 6	63	59.1	56.4	54.4	52.8	49.8	49.3	49.7	51.6	56.4	58.0	57.1
Site 9 - Portable Between Sites 1 and 7	66	61.2	60.5	58.8	56.8	53.2	54.2	55.1	60.3	60.9	62.3	63.9
Site 10 - Portable Between Sites 1 and 7	66	61.3	61.2	58.9	57.4	54.6	54.2	55.1	59.1	62.3	64.3	65.7

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

Design-Builders worked between 10:00pm and 9:00am to install bull rail, weld steel plates and set up for day work.

Public Comments:

No public comments received related to nighttime noise.

Exceedances:

Site(s) 4 and 5 are not project related. Exceedances are caused by public traffic driving by the noise monitors.

Non-Compliance:

None.

Legend

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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).

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Monday, January 18, 2021 to Sunday, January 24, 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, January 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	54.7	54.2	54.8	48.5	47.8	49.8	48.1	50.4	53.3	55.2	57.9
Site 2 - 2015 E. Roanoke St	78	59.5	58.8	56.9	68.6	52.3	53.1	52.5	55.4	59.2	60.3	61.6
Site 3A - 3810 E. McGilvra St	62	47.8	44.8	45.2	42.6	42.1	44.5	42.8	44.3	46.8	48.0	50.5
Site 4 - 2800 Montlake Blvd E	66	68.8	64.2	61.7	63.7	60.1	59.6	60.7	63.9	68.0	67.7	68.2
Site 5 - 2565 22nd Av E.	65	57.2	57.0	55.1	70.0	50.5	51.9	50.3	53.3	56.8	58.1	59.4
Site 6 - 2160 E. Hamlin St	63	54.1	53.3	53.8	49.9	49.5	51.7	49.7	50.9	53.5	54.3	55.1
Site 7 - 2209 E. Lake Wa Blvd	66	53.9	53.4	53.0	52.2	46.4	47.8	46.7	49.7	53.1	55.0	57.0
Site 8 - Portable Between Sites 4 and 6	63	54.3	53.3	53.2	50.5	48.9	52.1	49.1	50.5	54.0	55.2	56.1
Site 9 - Portable Between Sites 1 and 7	66	59.8	58.9	56.8	52.3	50.5	51.5	50.0	56.1	59.0	61.6	63.9
Site 10 - Portable Between Sites 1 and 7	66	61.9	61.4	58.4	52.1	51.1	51.5	51.5	56.1	58.9	61.6	64.7
*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 and 5 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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The table below includes data gathered from noise monitoring equipment located at seven stationary and three portable locations throughout the Montlake Project area

Sunday, January 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	52.1	50.9	47.8	45.4	50.5	46.4	49.4	55.9	58.6	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	57.6	55.5	53.3	54.3	51.2	52.1	56.3	59.9	62.3	N/A	N/A
Site 3A - 3810 E. McGilvra St	62	45.9	45.3	43.7	43.3	45.5	42.9	44.7	48.4	51.0	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	64.2	62.0	60.4	59.3	58.5	59.5	64.9	68.2	70.2	N/A	N/A
Site 5 - 2565 22nd Av E.	65	55.3	53.4	51.1	52.1	49.4	50.4	53.8	57.4	60.1	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	55.1	52.4	49.2	45.5	48.9	47.1	49.8	54.5	56.7	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	52.4	50.7	47.5	46.1	47.6	46.0	49.7	54.8	57.4	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	52.5	51.6	47.9	44.9	48.7	47.4	49.9	54.3	56.8	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	58.3	55.9	53.1	52.0	50.2	50.0	55.2	62.8	65.4	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	58.5	56.9	53.4	47.9	50.3	50.6	54.9	64.0	66.2	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 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

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Monday, January 18, 2021 to Sunday, January 24, 2021

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

Public Comment Log			
Date / Time	To/From	Issue	Resolution
1/18/2021	To: David Golberg From: Resident near site 6	Resident near site 6 complaining of early morning noise.	David Godberg (Community Liaison) replied to the resident stating that the resident was pretty sure it was Seattle Public Utilities and she was just looking for help finding the person to talk to. David stated that they got it resolved for the moment. Complaint received is not tie to any specific work.