



## SR 520 Montlake Project

**Noise Monitoring Weekly Report Summary for Monday, March 4, 2024 to Sunday, March 10, 2024**

**PUBLISHED March 13, 2024**

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: 1669**

<b>WEEKLY TOTALS</b>	
<b>Nights worked this week (under the MPPCNV)</b>	<b>4</b>
<b>Project related non-compliance this week</b>	<b>1</b>
<b>Nighttime noise issue comments to the project</b>	<b>0</b>
<b>Non-project-related noise exceedances this week</b>	<b>14</b>

<b>PROJECT TOTALS TO DATE</b>	
<b>Total Nights Worked (under the MPPCNV)</b>	<b>914</b>
<b>Total Project related non-compliance</b>	<b>123</b>
<b>Total noise issue comments to the project</b>	<b>170</b>
<b>Total non-project related exceedances</b>	<b>5863</b>

**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, March 4, 2024 to Sunday, March 10, 2024 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

<b>Monday, March 4, 2024</b>												
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	53.8	50.3	49	48.1	47.2	44.3	47.6	54.1	57.6	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	58.1	59.1	59.3	53.2	52.8	53.1	56.4	55.2	62.8	N/A	N/A
Site 3A - Canterbury Shores	62	48.3	46.2	44.3	43.5	44.7	43.5	44.4	47.4	51.1	N/A	N/A
Site 4A - 2110 E. Hamlin St	66	58.2	63.2	58.4	53.4	52.7	52.4	56.6	59.1	61.9	N/A	N/A
Site 5 - 2565 22nd Av E.	65	61	59.3	59.5	51.8	52.3	51.5	54.5	57.3	60.8	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	52.9	53.2	50.1	47.7	46.9	45.8	48.2	51.1	55.5	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	54.6	55.3	52	48.8	46.4	45.6	52.5	54.8	57.5	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	56.6	61.7	57.8	51.4	50.5	50.6	54	56.8	60.2	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	65	65.4	58.1	56.2	54.1	53.4	62.9	65	67.4	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	60.1	55.1	53.5	49	51.3	47.5	53.5	61.1	64.3	N/A	N/A

\*Hourly-Average Leq (dBA)

**Notes recorded by the on-site Independent Noise Monitor**

Work:

G

**Exceedances:**

Site(s) 9 exceedances are due to public traffic. (Non work related).

**Non-Compliance:**

None.

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, March 4, 2024 to Sunday, March 10, 2024 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

<b>Tuesday, March 5, 2024</b>												
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	51.4	47.9	48.6	48.3	47.1	49.1	55.2	58	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	59.1	57.2	54.9	53.9	53	53.2	56.6	59.3	62.3	N/A	N/A
Site 3A - Canterbury Shores	62	49.7	48.8	46	44.9	43.6	49.8	48.3	50.1	53.4	N/A	N/A
Site 4A - 2110 E. Hamlin St	66	59.1	56.3	52.4	52.5	51.7	51	54.9	59	60.7	N/A	N/A
Site 5 - 2565 22nd Av E.	65	57.7	55.6	53	52.4	51.4	51.6	54.5	57.4	60.6	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	51.2	50.9	45.1	47.8	49.5	43.5	45.9	50.5	53.9	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	54.4	51.4	47.6	48.1	48	46.5	55.9	55.2	57.8	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	55.6	52.5	47.7	49.2	50.2	46.7	49.2	54.1	56.9	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	64.7	60.6	56.4	54.1	54.8	54.5	68.5	64.6	67.2	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	60.5	56.7	52.6	49.1	50.9	50.9	53.6	61.2	63.5	N/A	N/A

\*Hourly-Average Leq (dBA)

**Notes recorded by the on-site Independent Noise Monitor**

Work:

G

A

**Public Comments:**

No public comments at this time.

**Exceedances:**

Site(s) 9, exceedances are due to public traffic. (Non work related).

At 1:15 am Action Alarm Received for Monitor #8 reading 63.20 dB was set off do to Graham grinding on WDX walls.PBS was notified to speak with Graham about no TNV in place grinding was stopped for rest of shift.**(Work Related)**

**Non-Compliance:**

**PBS-** spoke with Graham patch crew about grinding on WDX walls. Monitor#8 was set off as Action Alarm. **(Work Related)** No TNV in place

**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, March 4, 2024 to Sunday, March 10, 2024 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

<b>Wednesday, March 6, 2024</b>												
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	54.2	51.6	49.1	44.3	43.7	47.1	49.2	55.4	58.5	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	61.7	58.1	55.8	53.7	53.5	53.8	55.3	59.6	62.4	N/A	N/A
Site 3A - Canterbury Shores	62	49.2	46.3	44.5	42	40.3	42.5	44.6	50.4	52.2	N/A	N/A
Site 4A - 2110 E. Hamlin St	66	60.1	55.1	52.5	50.2	50.3	50.5	54.6	58.5	60.3	N/A	N/A
Site 5 - 2565 22nd Av E.	65	59.3	56.2	53.5	51.8	51.5	52.1	53.4	57.8	61.3	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	53.4	51.6	48.8	45	44.8	47.7	49.9	52.5	56.1	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	55.9	52.5	49.6	46.7	47.1	48.1	49.5	55.4	58.6	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	58.1	64	63.2	56.6	54.4	48.6	50.5	55	58.9	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	64.8	60.9	56.9	54.7	54.3	56.9	57.5	65	67	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	59.2	56.4	53.6	49.1	47.3	51.7	54.4	61.1	63.8	N/A	N/A

\*Hourly-Average Leq (dBA)

**Notes recorded by the on-site Independent Noise Monitor**

**Work:**

G

no public comments at this time.

**Exceedances:**

Site(s) 8,and9 exceedances are due to public traffic. (Non work related).

**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, March 4, 2024 to Sunday, March 10, 2024 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

<b>Thursday, March 7, 2024</b>												
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	54.2	51.9	49.2	45.6	48.6	46.7	50	54.8	58	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	60.2	58.5	58.2	55	53.8	51.7	55	58.5	62.9	N/A	N/A
Site 3A - Canterbury Shores	62	49.9	48.1	45.1	42.1	43.1	42.9	44.5	48.8	52	N/A	N/A
Site 4A - 2110 E. Hamlin St	66	58.3	55.5	56.3	50.4	52	50	54.5	58.6	60.9	N/A	N/A
Site 5 - 2565 22nd Av E.	65	58.4	56.6	56.8	52.9	52	50	52.9	56.9	61.3	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	51.6	50.9	49.4	52.2	49.5	46.9	49.4	53.5	56	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	54.8	52.2	50	47.8	48.4	46.7	50.7	55.3	58.1	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	52.6	52.2	49.8	46.9	50.9	46.9	49	54.7	56.2	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	64	60.3	57.9	55.1	55.5	55.3	59.6	65	67.2	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	59.9	56.2	53.1	49.2	51	52.6	55.2	61	63.7	N/A	N/A
*Hourly-Average Leq (dBA)												

**Notes recorded by the on-site Independent Noise Monitor**

Work:  
G

None.

**Legend**

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Red = Noise Level Exceedance, project related

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**SR 520 Montlake Project**  
**Major Public Project Construction Noise Variance**  
**NOISE MONITORING - WEEKLY REPORT**  
Monday, March 4, 2024 to Sunday, March 10, 2024 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

<b>Friday, March 8, 2024</b>												
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	54.3	51.3	48.6	46.7	46.5	46.9	48.3	53.1	57.1	59.4	60.5
Site 2 - 2015 E. Roanoke St	78	66.7	59.6	55.9	52	52.3	51.3	54.1	58.9	65.2	66.2	64.7
Site 3A - Canterbury Shores	62	48.5	48.6	48.8	42	42	39.3	43.2	48.9	52	54.8	54.8
Site 4A - 2110 E. Hamlin St	66	62.2	56.6	52.2	51.4	50.6	50.4	54.1	58.5	62.9	63.6	61.4
Site 5 - 2565 22nd Av E.	65	64.8	58.2	57.8	51	50.5	49.3	52.2	57	63.7	65	63.2
Site 6 - 2160 E. Hamlin St	63	55.1	52.5	51.1	49.2	46.3	43.5	47.5	51.3	55.4	57	60.7
Site 7 - 2209 E. Lake Wa Blvd	66	57.6	52.4	51.9	47	47.8	45.9	51.3	55.2	58.7	59.7	60.5
Site 8 - Portable Between Sites 4 and 6	63	56.4	53.4	50.9	49.3	46.8	43.1	47.8	53.1	57.1	58.2	60.2
Site 9 - Portable Between Sites 1 and 7	66	66	60.6	61.3	55	57	54.5	61.4	64.2	67.5	69.6	70.7
Site 10 - Portable Between Sites 1 and 7	66	59.8	61.4	53.5	53.9	52.9	52.7	53.8	59.5	63.1	65	66.3

\*Hourly-Average Leq (dBA)

**Notes recorded by the on-site Independent Noise Monitor**

**Work:**

No work being performed onsite. Graham showed up at 7:00 am for dayshift work.

**Public Comments:**

No public comments at this time.

**Exceedances:**

Site(s) 5,9 and 10 exceedances are due to public traffic. (Non work related).

**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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**SR 520 Montlake Project**  
**Major Public Project Construction Noise Variance**  
**NOISE MONITORING - WEEKLY REPORT**  
Monday, March 4, 2024 to Sunday, March 10, 2024 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

<b>Saturday, March 9, 2024</b>												
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	55.8	52.2	50.3	48.4	45.5	47.6	51.2	54.3	55.8	57
Site 2 - 2015 E. Roanoke St	78	61.3	59.3	65.5	57.4	56.4	53.5	53.7	56.3	59.5	61.2	61.5
Site 3A - Canterbury Shores	62	53.4	51	49.1	47.6	46	44.4	44.6	46.8	51.7	53	54.2
Site 4A - 2110 E. Hamlin St	66	58.3	57.6	57.1	54.1	52.9	50.5	51.3	56.4	58.3	59	60
Site 5 - 2565 22nd Av E.	65	59.4	57.7	59.7	55.5	54.5	51.8	52	55	57.8	59.7	59.9
Site 6 - 2160 E. Hamlin St	63	56.3	56.3	52.6	52.2	51.6	48.1	48.1	51.6	51.6	54.5	61.1
Site 7 - 2209 E. Lake Wa Blvd	66	56.8	55.7	52.8	51.4	49.4	46.4	47.5	52.1	55.3	55.9	57.3
Site 8 - Portable Between Sites 4 and 6	63	55.5	55.6	52.1	52.8	49.8	48	48.8	52.7	55.1	55.8	57
Site 9 - Portable Between Sites 1 and 7	66	65	63.4	60.3	~	~	~	56.4	60.2	62.2	64.2	66
Site 10 - Portable Between Sites 1 and 7	66	61.4	60	57	53.9	50.8	48.1	51.6	56.4	59.4	61.2	62.8

\*Hourly-Average Leq (dBA)

**Notes recorded by the on-site Independent Noise Monitor**

**Work:** No work being performed onsite.

**Public Comments:**

No public comments at this time.

**Exceedances:**

Site(s) 9 exceedances are due to public traffic. (Non work related).

**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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**Major Public Project Construction Noise Variance**  
**NOISE MONITORING - WEEKLY REPORT**  
Monday, March 4, 2024 to Sunday, March 10, 2024 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

<b>Sunday, March 10, 2024</b>												
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	54.6	52.9	52.3	48.7	51	49.1	51	51.8	54.1	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	61.3	58.1	56.7	54.1	53.9	52.7	55	58.3	59.7	N/A	N/A
Site 3A - Canterbury Shores	62	51.5	50.2	50.3	48.1	48.2	47.3	46.1	48.4	50.1	N/A	N/A
Site 4A - 2110 E. Hamlin St	66	61.7	57.9	56	52.8	53.4	52.7	56.2	59.4	60.4	N/A	N/A
Site 5 - 2565 22nd Av E.	65	59.6	56.8	55.3	52.3	52.6	51.6	54.7	56.9	58.6	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	57.3	55.8	54.6	51.4	51.9	50	51.4	52.5	55	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	56.1	54	52.6	49.5	49.3	47.9	50.5	52.1	55.2	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	58.3	55.4	53.2	47.5	50.8	51.5	54.2	55.3	57.6	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	65	62.3	~	57.6	55.8	55	57.8	60.2	63.5	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	60.1	58.6	57	~	53	52.3	55.7	57.3	60.4	N/A	N/A

\*Hourly-Average Leq (dBA)

**Notes recorded by the on-site Independent Noise Monitor**

**Work:** No work being performed onsite.

**Public Comments:** No public comments at this time.

**None**

**Exceedances:**

none

**Non-Compliance:**

None.

**Legend**

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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, March 4, 2024 to Sunday, March 10, 2024

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

<b>Public Comment Log</b>			
<b>Date / Time</b>	<b>To/From</b>	<b>Issue</b>	<b>Resolution</b>