



## SR 520 Montlake Project

### Noise Monitoring Weekly Report Summary for **Monday, January 29, 2024** to **Sunday, February 4, 2024**

**PUBLISHED February 7, 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:** 1634

<b>WEEKLY TOTALS</b>	
Nights worked this week (under the MPPCNV)	4
Project related non-compliance this week	0
Nighttime noise issue comments to the project	0
Non-project-related noise exceedances this week	82

<b>PROJECT TOTALS TO DATE</b>	
Total Nights Worked (under the MPPCNV)	889
Total Project related non-compliance	123
Total noise issue comments to the project	169
Total non-project related exceedances	5794

**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 29, 2024 to Sunday, February 4, 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, January 29, 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	54.3	51.1	48.3	49.3	46.8	50.9	54.9	57.9	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	60.6	70.4	56.2	54.8	53.1	53.7	55.5	60	62.4	N/A	N/A
Site 3A - Canterbury Shores	62	49.5	46.9	45	44.1	45.1	43	45.8	52.3	54.6	N/A	N/A
Site 4A - 2110 E. Hamlin St	66	58.2	55.7	53.4	51.2	51.4	50.7	54.8	58.5	60.3	N/A	N/A
Site 5 - 2565 22nd Av E.	65	59	56.4	54.5	52.9	51.9	51.4	53.4	56.8	61.2	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	54.8	53.5	48.8	47.4	50	47.6	50.7	54.6	56.4	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	54	51.5	49.7	47.6	47.9	46	50.9	57.5	57.6	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	62.7	59.6	59	54.6	54.8	54.5	59.6	64.9	67.1	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	59.7	56.4	54	#N/A	52.4	51.4	56.1	60.5	63.1	N/A	N/A

\*Hourly-Average Leq (dBA)

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

**Work:**

**Graham** was notsite during MPPCNV hours between 10:00pm to 6:00am

**Valley Electric Solutions** was onsite during MPPCNV hours between 10:30pm to 6:00am was onsite working under lid on SR 520 WB. pulling wire out of man holes on Montlake Exit to SR 520 WB

**Public Comments:** Francie texted David Goldberg and me this morning with the following noise complaint.

Good morning -Just wanted to tell you that the last two mornings it's been very loud starting at 6:30 a.m. Of course, by 7:30, it's quieter, but the damage is done. The sound this morning was a steady pounding with an occasional bigger noise. Yesterday was no pounding but more loud spurts of noise like metal clanging. Too loud for 6:30 a.m

**Exceedances:**

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

**Compliance: none**

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 29, 2024 to Sunday, February 4, 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, January 30, 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	#N/A	51.7	49.1	50.9	50.7	50.5	52.5	56.3	59.1	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	70.4	67.8	67.5	59.1	55	54.3	56.1	59	62.2	N/A	N/A
Site 3A - Canterbury Shores	62	52.3	49.5	47.7	47.3	49	49.9	49.3	53.1	53.3	N/A	N/A
Site 4A - 2110 E. Hamlin St	66	58.4	56.2	54.5	53.5	53.8	53.9	57.2	60.5	62.7	N/A	N/A
Site 5 - 2565 22nd Av E.	65	68.1	65.9	66.1	58.3	54.1	53.6	54.5	57.3	60.6	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	53.8	51.8	49.3	47.1	47.9	48.6	51.4	55.7	58.6	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	55.8	53.4	52.5	51.8	49.3	49.3	51.5	56.2	58.8	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	62.9	61	59	59.2	56.6	56.8	59.3	65.5	67.9	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	59.2	57.4	54.3	#N/A	54.8	54.8	58.3	62.6	65.2	N/A	N/A

\*Hourly-Average Leq (dBA)

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

**Work: Ralphs Pump-** pour and place concrete for Graham on Montlake Blvd

**Graham** was onsite during MPPCNV 10:30pm to 2:30am pouring and placing concrete sidewalk on Montlake Blvd.

**Valley Electric Solutions** was onsite during MPPCNV hours between 10:30pm to 6:00am for QC/QA under lid on SR 520 WB. EM/MA wire plus LHD wire under lid

**Public Comments:**

No public comments received related to nighttime noise.

**Exceedances:**

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

**Non-Compliance:**E cap issued to Graham for noise exceedance on station #5 no TNV in place for side walk work

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 29, 2024 to Sunday, February 4, 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, January 31, 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	53.1	52.4	49.4	50	49.8	50.8	50.7	55.8	58.9	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	58.7	58.6	55	54.1	60.8	54.8	57.8	58.6	62.6	N/A	N/A
Site 3A - Canterbury Shores	62	50.7	48.5	45.1	45	46.8	49.3	47.8	49.9	53.8	N/A	N/A
Site 4A - 2110 E. Hamlin St	66	57	56	53	54.2	62.1	54.4	58.6	59	61.8	N/A	N/A
Site 5 - 2565 22nd Av E.	65	56.9	56.6	53.1	53	58.3	54.7	55.5	57	60.8	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	51.9	51.9	49.7	48.6	51.1	47.8	50.5	54.2	57.3	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	52.9	68.1	49.1	49.4	54.5	49.8	50.6	55.2	58.8	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	62.3	72.7	57.9	58.6	63.4	59.6	59.4	65.1	68	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	59	57.7	54.3	~	52.9	55.3	56.5	62	65.1	N/A	N/A

\*Hourly-Average Leq (dBA)

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

**Work:**

Valley electrical Solution was onsite during MPPCNV hours between 10:30pm to 4:00am for QC/QA under lid on SR 520 WB,EB. EM/MA wire plus LHD wire under lid.reset light poles on SR 520 WB

Graham was not onsite.

**Public Comments:**

no public comments at this time.

**Exceedances:**

Site(s)7, 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

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 29, 2024 to Sunday, February 4, 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, February 1, 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	~	49.5	45.6	46.2	47.4	51.5	55.4	57	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	~	56.6	57.6	51.4	50.2	51.5	54.9	58.3	61.6	N/A	N/A
Site 3A - Canterbury Shores	62	~	47.6	46.2	41.6	42.9	43.4	47.7	51.5	52.3	N/A	N/A
Site 4A - 2110 E. Hamlin St	66	~	54.7	57.7	50.5	49.3	51.1	55.4	59.8	60.9	N/A	N/A
Site 5 - 2565 22nd Av E.	65	~	54.9	55	49.8	48.7	50.1	53.4	57	60.5	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	53.6	~	52.4	45.3	47.5	47.7	52.2	54.7	56.6	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	54	51.3	51.9	45.4	44.6	45.7	51.3	54.4	56.7	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	63.4	60	61.3	52.8	51.2	54	59.2	63.5	65.9	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	60.2	56	54.2	~	49.3	51.5	56	60.8	62.9	N/A	N/A
*Hourly-Average Leq (dBA)												

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

**Work:**  
Valley Electrical Solution was onsite during MPPCNV hours between 10:30pm to 6:00am for QC/QA under lid on SR520 EB,WB. pulling wire under lid. Reset light poles on Montlake Blvd.

**Public Comments:**  
No public comments received related to nighttime noise.

**Exceedances:**  
Site(s) 3A,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  
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, January 29, 2024 to Sunday, February 4, 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, February 2, 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	55.5	53.7	52.5	50.7	47.5	48.6	~	~	~	56.3	~
Site 2 - 2015 E. Roanoke St	78	61	59.4	58.1	56.2	54.8	54	53.6	61.2	57.8	59.8	60.5
Site 3A - Canterbury Shores	62	51.5	50.1	~	47.4	44.5	~	43.4	46.1	47.9	51	51.9
Site 4A - 2110 E. Hamlin St	66	58	56.5	54.9	53.2	51.1	~	51.3	~	56.9	58.6	58.9
Site 5 - 2565 22nd Av E.	65	59.2	57.7	56.4	54.6	52.8	~	~	57.9	56.1	58.4	58.9
Site 6 - 2160 E. Hamlin St	63	53.6	52.8	~	51.3	48.5	48.4	~	50.5	51.1	57.6	54.2
Site 7 - 2209 E. Lake Wa Blvd	66	55.7	53.6	52.5	50.5	47.9	47.3	47.6	60.7	51.5	55.8	56.3
Site 8 - Portable Between Sites 4 and 6	63	~	~	~	~	~	~	~	~	~	~	~
Site 9 - Portable Between Sites 1 and 7	66	64.3	62.5	60.6	58.3	56.2	52.4	55	70.1	60.2	64.6	66.1
Site 10 - Portable Between Sites 1 and 7	66	60.9	59	57.7	~	52.1	50.4	51.9	54.7	57.1	61.6	63.1

\*Hourly-Average Leq (dBA)

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

**Work: No contractor onsite**

City Of Seattle - onsite to flush fire hydrant on Montlake Blvd do to residents complaining about cloudy water.

**No public comments received related to nighttime noise.**

**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

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 29, 2024 to Sunday, February 4, 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, February 3, 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	55	53.9	~	50.2	46.5	43	43.4	48.4	51.1	54.1	55.5
Site 2 - 2015 E. Roanoke St	78	60.3	59.2	58.4	55.1	53.6	52.6	51.8	54	57.4	59.4	60.1
Site 3A - Canterbury Shores	62	51.5	52.5	48.8	49.6	45	42.9	43	46.1	49.3	52.3	54.4
Site 4A - 2110 E. Hamlin St	66	~	~	56.6	52	49.5	50.4	48	51.8	55.8	56.3	56.8
Site 5 - 2565 22nd Av E.	65	58	57.1	55.5	53.1	51.5	50.5	49.7	52.2	~	57.5	~
Site 6 - 2160 E. Hamlin St	63	~	46.8	44.7	45.3	41.2	~	38.6	~	~	56.8	49.1
Site 7 - 2209 E. Lake Wa Blvd	66	54.2	53	~	48.1	45.7	43.2	42.9	47.6	50.5	53.3	55
Site 8 - Portable Between Sites 4 and 6	63	~	~	~	~	~	~	~	~	~	~	~
Site 9 - Portable Between Sites 1 and 7	66	64	62.2	58.6	56.2	55	51.1	50.7	56.1	59.6	~	64.6
Site 10 - Portable Between Sites 1 and 7	66	60.5	59.3	55.8	~	~	46	~	54.3	56.8	58.8	61.4

\*Hourly-Average Leq (dBA)

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

**Work:** No contractors onsite

**Public Comments:**

No public comments at his time

**Exceedances:**

Site(s) 3A .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, January 29, 2024 to Sunday, February 4, 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, February 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	51.9	50.3	47	44.8	44.3	~	49.3	54.3	57.3	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	58.8	56.6	54	52.3	52.4	52.3	56.3	60.3	~	N/A	N/A
Site 3A - Canterbury Shores	62	50.4	51.3	45.1	43.3	43	43.5	47.9	51.4	54.5	N/A	N/A
Site 4A - 2110 E. Hamlin St	66	55.3	53.3	50.4	48.1	47.3	48.6	53.2	57.5	59.3	N/A	N/A
Site 5 - 2565 22nd Av E.	65	~	54.9	52.4	50.6	~	50.8	54.5	58.8	61.6	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	~	47.6	44.1	40.9	41.3	41.1	44.1	48.9	~	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	51.5	49.5	~	44.8	~	42.3	~	53.7	~	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	60.5	57.3	55.7	52.7	51.7	48.9	58.2	63.4	66.4	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	56.8	~	51.5	~	47.6	45	54	~	62.9	N/A	N/A

\*Hourly-Average Leq (dBA)

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

**Work:** No contractor onsite

**Public Comments:**

No public comments received related to nighttime noise.

**Exceedances:**

Site(s)3A ,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

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 29, 2024 to Sunday, February 4, 2024

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

<b>Public Comment Log</b>			
Date / Time	To/From	Issue	Resolution
1/29/2024	Bob Derry Montlake Project – Public Information Manager SR 520 Bridge Replacement and HOV Program Graham Contracting, LTD (Consultant) 206-250-2865 cell	Francie texted David Goldberg and me this morning with the following noise complaint. Good morning -Just wanted to tell you that the last two mornings it's been very loud starting at 6:30 a.m. Of course, by 7:30, it's quieter, but the damage is done. The sound this morning was a steady pounding with an occasional bigger noise. Yesterday was no pounding but more loud spurts of noise like metal clanging. Too loud for 6:30 a.m	Nothing no alrms where set off