

# **SR 520 Bridge Replacement and HOV Program**Montlake Project



## **SR 520 Montlake Project**

Noise Monitoring Weekly Report Summary for Monday, November 9, 2020 to Sunday, November 15, 2020

**PUBLISHED NOVEMBER 18, 2020** 

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: 458

There were 4 non-compliance from Seattle City Light which are not counted towards the non-compliance count.

WEEKLY TOTALS	
Nights worked this week (under the MPPCNV)	6
Project related non-compliance this week	3
Nighttime noise issue comments to the project	1
Non-project-related noise exceedances this week	33

PROJECT TOTALS TO DATE	
Total Nights Worked (under the MPPCNV)	135
Total Project related non-compliance	46
Total noise issue comments to the project	47
Total non-project related exceedances	1785

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**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** 



## **Major Public Project Construction Noise Variance**

#### **NOISE MONITORING - WEEKLY REPORT**

to

Monday, November 9, 2020

Sunday, November 15, 2020

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

			Mo	nday, Nover	nber 9, 2020						
Site limit*	10pm - 11pm	11pm - 12am	12am - 1am	1am - 2am	2am - 3am	3am - 4am	4am - 5am	5am - 6am	6am - 7am	7am - 8am	8am - 9am
67	53.7	51.5	49.7	48.0	48.5	48.4	53.1	57.2	59.0	N/A	N/A
78	59.8	58.5	57.8	57.4	57.2	57.0	59.6	61.8	62.7	N/A	N/A
62	48.2	47.0	46.9	46.9	46.6	46.5	47.9	48.6	49.6	N/A	N/A
66	66.1	63.5	62.0	60.5	57.9	58.4	63.6	68.8	69.9	N/A	N/A
65	58.2	56.3	55.6	55.0	54.8	54.1	56.9	60.3	61.2	N/A	N/A
63	52.7	52.7	52.7	49.6	47.0	45.9	52.2	58.0	56.6	N/A	N/A
66	54.9	53.8	51.6	49.2	49.9	49.7	53.3	56.6	58.4	N/A	N/A
63	55.2	54.4	58.3	55.5	54.0	53.4	54.6	58.0	58.1	N/A	N/A
66	61.3	58.7	56.6	54.0	54.4	54.2	58.9	63.6	65.1	N/A	N/A
66	61.5	59.3	56.3	53.5	55.3	54.8	60.0	64.5	67.0	N/A	N/A
	67 78 62 66 65 63 66 63	67 53.7 78 59.8 62 48.2 66 66.1 65 58.2 63 52.7 66 54.9 63 55.2 66 61.3	67 53.7 51.5 78 59.8 58.5 62 48.2 47.0 66 66.1 63.5 65 58.2 56.3 63 52.7 52.7 66 54.9 53.8 63 55.2 54.4 66 61.3 58.7	Site limit*         10pm - 11pm         11pm - 12am         12am - 1am           67         53.7         51.5         49.7           78         59.8         58.5         57.8           62         48.2         47.0         46.9           66         66.1         63.5         62.0           65         58.2         56.3         55.6           63         52.7         52.7         52.7           66         54.9         53.8         51.6           63         55.2         54.4         58.3           66         61.3         58.7         56.6	Site limit*         10pm - 11pm         11pm - 12am         12am - 1am         1am - 2am           67         53.7         51.5         49.7         48.0           78         59.8         58.5         57.8         57.4           62         48.2         47.0         46.9         46.9           66         66.1         63.5         62.0         60.5           65         58.2         56.3         55.6         55.0           63         52.7         52.7         52.7         49.6           66         54.9         53.8         51.6         49.2           63         55.2         54.4         58.3         55.5           66         61.3         58.7         56.6         54.0	Site limit*         10pm - 11pm         11pm - 12am         12am - 1am         1am - 2am         2am - 3am           67         53.7         51.5         49.7         48.0         48.5           78         59.8         58.5         57.8         57.4         57.2           62         48.2         47.0         46.9         46.9         46.6           66         66.1         63.5         62.0         60.5         57.9           65         58.2         56.3         55.6         55.0         54.8           63         52.7         52.7         52.7         49.6         47.0           66         54.9         53.8         51.6         49.2         49.9           63         55.2         54.4         58.3         55.5         54.0           66         61.3         58.7         56.6         54.0         54.4	67         53.7         51.5         49.7         48.0         48.5         48.4           78         59.8         58.5         57.8         57.4         57.2         57.0           62         48.2         47.0         46.9         46.9         46.6         46.5           66         66.1         63.5         62.0         60.5         57.9         58.4           65         58.2         56.3         55.6         55.0         54.8         54.1           63         52.7         52.7         52.7         49.6         47.0         45.9           66         54.9         53.8         51.6         49.2         49.9         49.7           63         55.2         54.4         58.3         55.5         54.0         53.4           66         61.3         58.7         56.6         54.0         54.4         54.2	Site limit*         10pm - 11pm         11pm - 12am         12am - 1am         1am - 2am         2am - 3am         3am - 4am         4am - 5am           67         53.7         51.5         49.7         48.0         48.5         48.4         53.1           78         59.8         58.5         57.8         57.4         57.2         57.0         59.6           62         48.2         47.0         46.9         46.9         46.6         46.5         47.9           66         66.1         63.5         62.0         60.5         57.9         58.4         63.6           65         58.2         56.3         55.6         55.0         54.8         54.1         56.9           63         52.7         52.7         52.7         49.6         47.0         45.9         52.2           66         54.9         53.8         51.6         49.2         49.9         49.7         53.3           63         55.2         54.4         58.3         55.5         54.0         53.4         54.6           66         61.3         58.7         56.6         54.0         54.4         54.2         58.9	Site limit*         10pm - 11pm         11pm - 12am         12am - 1am         1am - 2am         2am - 3am         3am - 4am         4am - 5am         5am - 6am           67         53.7         51.5         49.7         48.0         48.5         48.4         53.1         57.2           78         59.8         58.5         57.8         57.4         57.2         57.0         59.6         61.8           62         48.2         47.0         46.9         46.9         46.6         46.5         47.9         48.6           66         66.1         63.5         62.0         60.5         57.9         58.4         63.6         68.8           65         58.2         56.3         55.6         55.0         54.8         54.1         56.9         60.3           63         52.7         52.7         52.7         49.6         47.0         45.9         52.2         58.0           66         54.9         53.8         51.6         49.2         49.9         49.7         53.3         56.6           63         55.2         54.4         58.3         55.5         54.0         53.4         54.6         58.0           66         61.3	Site limit*         10pm - 11pm         11pm - 12am         12am - 1am         1am - 2am         2am - 3am         3am - 4am         4am - 5am         5am - 6am         6am - 7am           67         53.7         51.5         49.7         48.0         48.5         48.4         53.1         57.2         59.0           78         59.8         58.5         57.8         57.4         57.2         57.0         59.6         61.8         62.7           62         48.2         47.0         46.9         46.9         46.6         46.5         47.9         48.6         49.6           66         66.1         63.5         62.0         60.5         57.9         58.4         63.6         68.8         69.9           65         58.2         56.3         55.6         55.0         54.8         54.1         56.9         60.3         61.2           63         52.7         52.7         52.7         49.6         47.0         45.9         52.2         58.0         56.6           66         54.9         53.8         51.6         49.2         49.9         49.7         53.3         56.6         58.4           63         55.2         54.4         58.3	Site limit*         10pm - 11pm         11pm - 12am         12am - 1am         1am - 2am         2am - 3am         3am - 4am         4am - 5am         5am - 6am         6am - 7am         7am - 8am           67         53.7         51.5         49.7         48.0         48.5         48.4         53.1         57.2         59.0         N/A           78         59.8         58.5         57.8         57.4         57.2         57.0         59.6         61.8         62.7         N/A           62         48.2         47.0         46.9         46.6         46.5         47.9         48.6         49.6         N/A           66         66.1         63.5         62.0         60.5         57.9         58.4         63.6         68.8         69.9         N/A           65         58.2         56.3         55.6         55.0         54.8         54.1         56.9         60.3         61.2         N/A           63         52.7         52.7         49.6         47.0         45.9         52.2         58.0         56.6         N/A           66         54.9         53.8         51.6         49.2         49.9         49.7         53.3         56.6

\*Hourly-Average Leq (dBA)

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

#### Work:

Design-Builder worked between 10:00pm and 5:30am to form wall, unload casing deliveries

#### 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:

- 4:02am - Graham had a crane being used at the west side of pier 1 to set up forms with a backup alarm, Peter with PBS was notified. Alarm was disabled before the next working night.

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

## **Major Public Project Construction Noise Variance**

#### **NOISE MONITORING - WEEKLY REPORT**

to

Monday, November 9, 2020

Sunday, November 15, 2020

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

				Tue	sday, Novem	ber 10, 2020	)					
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	53.4	51.5	50.5	50.4	57.8	54.1	57.4	59.8	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	61.4	60.7	59.7	57.8	55.4	54.1	57.9	62.0	63.2	N/A	N/A
Site 3 - 3810 E. McGilvra St	62	43.5	40.4	40.4	39.6	38.4	36.0	39.4	46.4	48.6	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	64.0	63.9	60.1	59.0	57.9	58.7	63.2	67.9	69.5	N/A	N/A
Site 5 - 2565 22nd Av E.	65	59.7	59.0	57.8	55.8	53.7	51.8	55.9	59.8	61.0	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	51.5	52.9	51.7	49.6	47.6	47.1	58.4	53.8	53.4	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	55.2	54.0	54.0	51.6	51.1	50.9	53.6	56.3	58.5	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	64.5	57.8	62.0	53.9	54.0	53.9	54.7	56.5	57.2	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	60.8	59.6	58.4	55.7	54.8	55.2	60.6	62.9	65.7	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	61.7	60.5	57.9	56.1	55.1	58.4	60.4	64.1	67.2	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 5:30am to shape soil freeze shaft walls, form wall(s)

#### **Public Comments:**

7:50 a.m November 11th - Resident messaged the director of construction the following "can you remind us once again why there is 24/7 heavy equipment and spotlights operating about 75 feet from our bedroom? The message required a follow-up. See Public Notice Log for additional details.

#### Exceedances:

Site(s) 4 and 10 are not project related. Exceedances are caused by public traffic driving by the noise monitors.

Site 8: 10:00pm - 11:00pm exceedance is work related due to Design-Builder saw cutting at the WB SR-520 off-ramp to Montlake Blvd.

#### 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).

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## **Major Public Project Construction Noise Variance**

#### **NOISE MONITORING - WEEKLY REPORT**

Monday, November 9, 2020

Sunday, November 15, 2020

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

				Wedn	esday, Nove	mber 11, 20	20					
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	50.4	47.7	52.3	58.9	55.4	55.7	58.8	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	59.0	58.5	56.0	54.2	53.4	53.2	58.1	60.7	62.7	N/A	N/A
Site 3 - 3810 E. McGilvra St	62	43.3	42.6	37.8	34.1	39.1	34.5	38.8	45.5	47.0	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	64.4	64.8	60.2	60.6	56.7	58.3	62.8	68.1	70.9	N/A	N/A
Site 5 - 2565 22nd Av E.	65	57.4	56.7	53.8	51.8	51.6	51.0	56.0	58.9	61.1	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	53.9	52.1	50.6	49.1	48.9	45.4	49.7	53.7	55.4	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	54.5	53.8	51.6	50.1	50.8	49.9	52.5	55.6	57.9	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	56.5	55.9	54.0	53.1	54.3	52.8	55.3	55.9	57.5	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	60.2	61.4	57.3	54.1	56.9	54.2	59.3	62.8	64.7	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	61.0	59.3	56.8	53.6	56.2	57.1	58.2	63.6	66.5	N/A	N/A

#### \*Hourly-Average Leg (dBA)

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

#### Work:

Design-Builder worked between 10:00pm and 7:00am to shape soil freeze shaft walls, form wall(s) casings delivery

#### 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

# **Major Public Project Construction Noise Variance**

#### **NOISE MONITORING - WEEKLY REPORT**

to

Monday, November 9, 2020

Sunday, November 15, 2020

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

				Thur	sday, Noven	nber 12, 202	0					
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	55.6	54.0	52.2	54.0	56.5	53.1	53.1	58.6	58.8	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	61.7	60.2	59.2	60.9	61.9	58.8	59.3	63.4	63.6	N/A	N/A
Site 3 - 3810 E. McGilvra St	62	50.6	49.2	49.4	53.5	57.7	54.0	51.0	53.3	50.2	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	67.0	64.9	62.1	61.9	62.0	62.3	64.9	70.7	71.6	N/A	N/A
Site 5 - 2565 22nd Av E.	65	60.7	59.1	58.4	60.4	61.6	58.0	57.7	62.5	61.8	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	57.3	54.9	52.9	53.3	56.1	54.6	54.1	57.6	58.5	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	57.1	55.3	54.1	55.0	56.3	53.1	52.8	58.8	59.0	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	57.7	54.8	53.4	53.9	56.4	55.4	54.3	58.3	60.1	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	62.8	61.2	58.3	58.0	58.7	58.3	57.0	66.2	66.0	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	62.9	61.6	59.0	58.7	60.6	57.9	58.6	66.2	67.3	N/A	N/A

#### \*Hourly-Average Leq (dBA)

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

Design-Builder worked between 10:00pm and 7:00am to Form wall(s), set pole at South pit/info center and backfill, casings delivery, 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

### **Major Public Project Construction Noise Variance**

#### **NOISE MONITORING - WEEKLY REPORT**

Monday, November 9, 2020

Sunday, November 15, 2020 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, November 13, 2020											
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	54.9	53.0	52.0	47.9	51.4	48.7	49.6	54.4	56.9	58.6	63.6
Site 2 - 2015 E. Roanoke St	78	62.9	62.2	62.0	58.4	54.0	54.3	54.1	56.8	60.6	61.5	62.5
Site 3 - 3810 E. McGilvra St	62	45.0	42.0	42.9	37.0	41.4	36.8	37.6	43.9	44.6	47.0	50.0
Site 4 - 2800 Montlake Blvd E	66	64.9	63.3	62.1	59.3	56.3	57.5	57.5	62.5	67.1	67.6	68.4
Site 5 - 2565 22nd Av E.	65	67.4	67.3	64.7	56.6	52.5	52.5	52.3	55.1	58.5	59.8	61.0
Site 6 - 2160 E. Hamlin St	63	54.2	52.6	54.1	48.9	51.5	47.3	47.8	52.4	56.2	58.0	60.0
Site 7 - 2209 E. Lake Wa Blvd	66	54.8	54.6	55.4	51.5	51.5	47.8	49.6	53.6	58.2	59.5	61.1
Site 8 - Portable Between Sites 4 and 6	63	56.8	55.1	55.0	52.9	53.8	51.5	51.8	54.5	59.6	60.6	62.4
Site 9 - Portable Between Sites 1 and 7	66	60.8	59.5	56.9	53.5	59.5	55.7	60.1	62.7	64.5	64.5	69.3
Site 10 - Portable Between Sites 1 and 7	66	61.5	60.1	58.5	55.3	60.6	57.1	58.9	62.4	64.2	65.3	69.6

\*Hourly-Average Leq (dBA)

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

Design-Builder worked between 10:00pm and 9:00am Seatle City Light run wires at South pit/Market, moving the casings on the old canal, concrete pour for pier 1, hauling top soil from the north pit, backfilling the south staging area, setting casings for the new bridge, drilling at the north pit.

#### **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.

Site 5 exceedances between 10pm - 11pm and 11pm - 12am are caused by Seattle City light operating near the noise monitor.

#### Non-Compliance:

-Graham (1) - 8:30am an equipment was observed operating with a tonal backup alarm. Gary Stensland with PBS was notified and he had the operator not backup the equipment and to disabled the alarm.

- Seattle City Light (2) - 1:15am and 1:20am vehicles were observed with backup alarms as they backed up to leave the construction site.

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).

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## Major Public Project Construction Noise Variance NOISE MONITORING - WEEKLY REPORT

Monday, November 9, 2020 to

Sunday, November 15, 2020

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

				Satu	rday, Noven	nber 14, 2020	0					
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	56.5	54.4	52.8	51.3	50.3	49.1	50.4	52.2	52.0	54.2	56.5
Site 2 - 2015 E. Roanoke St	78	60.3	58.6	57.1	55.2	53.9	53.2	61.4	56.1	60.0	60.0	61.2
Site 3 - 3810 E. McGilvra St	62	46.3	44.7	46.1	47.6	48.4	46.4	48.1	48.2	46.9	46.7	48.5
Site 4 - 2800 Montlake Blvd E	66	66.2	64.5	63.6	61.0	59.4	59.3	71.8	62.5	70.4	66.3	66.9
Site 5 - 2565 22nd Av E.	65	58.5	56.8	56.0	53.8	52.8	51.6	58.1	55.2	58.6	58.3	59.7
Site 6 - 2160 E. Hamlin St	63	58.2	56.2	55.7	56.1	57.7	53.7	55.9	55.3	54.0	55.0	58.7
Site 7 - 2209 E. Lake Wa Blvd	66	56.1	54.3	53.0	51.1	49.1	47.2	50.5	51.2	53.2	54.0	56.3
Site 8 - Portable Between Sites 4 and 6	63	58.1	56.0	55.6	54.8	54.8	53.7	55.3	55.9	55.4	55.9	57.8
Site 9 - Portable Between Sites 1 and 7	66	61.9	60.3	58.4	56.2	53.6	52.3	53.2	55.5	57.1	60.3	63.9
Site 10 - Portable Between Sites 1 and 7	66	62.5	61.6	59.2	56.5	54.3	53.5	54.6	56.5	58.1	62.1	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.

N/A = Time Period not applicable to MPPCNV

Red = Noise Level Exceedance, project related

Blue = Noise level exceedance, not project related

~ = No Data Available

# Major Public Project Construction Noise Variance NOISE MONITORING - WEEKLY REPORT

Monday, November 9, 2020 to Sunday, November 15, 2020 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

				Sun	day, Novem	ber 15, 2020						
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	53.4	52.0	48.8	46.4	50.5	56.1	54.0	56.3	59.9	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	58.5	57.0	54.6	54.5	51.3	53.7	57.0	62.0	63.8	N/A	N/A
Site 3 - 3810 E. McGilvra St	62	45.0	44.3	38.6	36.6	36.9	40.0	42.3	45.6	48.6	N/A	N/A
Site 4 - 2800 Montlake Blvd E	66	64.2	62.4	60.0	59.2	54.6	59.2	63.6	68.6	70.7	N/A	N/A
Site 5 - 2565 22nd Av E.	65	57.1	55.4	52.6	52.6	49.0	51.4	55.0	59.5	61.6	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	54.8	52.7	48.6	48.0	46.8	49.2	51.3	51.6	54.3	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	53.5	51.4	49.5	47.2	47.9	48.9	51.2	55.5	58.8	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	56.3	54.4	51.9	50.7	50.4	51.7	53.5	55.2	56.4	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	60.1	57.1	55.7	54.3	55.2	55.1	59.0	62.2	66.2	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	59.4	58.5	55.2	52.9	55.0	57.8	59.4	63.3	67.1	N/A	N/A

#### \*Hourly-Average Leq (dBA)

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

#### Work:

Design-Builder worked between 2:30am and 4:30am to deliver casings 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).

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# SR 520 Montlake Project Major Public Project Construction Noise Variance NOISE MONITORING - WEEKLY REPORT

Monday, November 9, 2020 to Sunday, November 15, 2020

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

Public Comment Log			
Date / Time	To/From	Issue	Resolution
11/11/2020 - 7:50 a.m	To: John Welch From: Resident near site #8	of Construction), David Goldberg and Bob Derry. "Good morning Bob and David. Can you remind us once again why there is 24/7 heavy equipment and spotlights operating about 75 feet from our bedroom? We've never used a hotel room offer and also never experienced the disruptive nights	John Welch(Director of Construction) called the resident and explained why the work is necessary to work around the clock on the shaft work as we auger by day (loudest) and shape and remove excess material at night. This is repeated each day. John informed resident that this work should conclude by the end of this week. Furthermore John advised resident that the work being done on the South side of 520 at pier 1 will need to continue on nights for the next few weeks due to access restriction from the EB on ramp. This did not concern resident much as it is low impact from his perspective. Resident was appreciative of the quick response and requires no further action at this time

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