

SR 520 Montlake Project
Major Public Project Construction Noise Variance
NOISE MONITORING - WEEKLY REPORT
Monday, July 4, 2022 to Sunday, July 10, 2022 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, July 8, 2022												
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	57.8	51.9	51.4	55.9	48.5	51.6	48.7	51.5	52.8	55.0	56.2
Site 2 - 2015 E. Roanoke St	78	60.6	58.8	56.1	54.3	51.9	52.0	50.4	53.8	56.7	59.1	60.0
Site 3A - Canterbury Shores	62	52.1	47.5	48.4	54.3	54.1	53.9	54.0	51.6	49.2	50.4	50.6
Site 4A - 2110 E. Hamlin St	66	56.5	53.7	51.0	49.7	48.6	49.6	50.9	49.3	51.7	55.4	57.6
Site 5 - 2565 22nd Av E.	65	59.3	57.2	54.4	53.0	51.2	52.1	49.2	52.8	55.5	58.5	59.4
Site 6 - 2160 E. Hamlin St	63	52.4	49.3	48.6	55.4	44.5	50.9	48.5	49.3	54.0	51.7	54.1
Site 7 - 2209 E. Lake Wa Blvd	66	56.6	56.2	56.1	56.2	57.6	51.3	47.3	50.5	47.7	47.8	55.8
Site 8 - Portable Between Sites 4 and 6	63	53.5	54.8	53.6	49.5	47.4	49.0	45.6	48.5	50	53.6	55.9
Site 9 - Portable Between Sites 1 and 7	66	63.1	64.1	64.7	58.4	54.8	52.6	54.5	52.9	61.0	60.5	61.1
Site 10 - Portable Between Sites 1 and 7	66	65.1	59.5	57.7	61.0	57.3	56.3	55.4	58.8	60.2	62.6	64.0

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

Elcon worked between 11:00pm and 8:00am pulling wires, 7 workers on site. Graham worked between 11:00pm and 9:00am setting girders, between 11:00pm and 2:00am on pulling piles, and 2:00am and 9:00am digging drainage. PSC worked between 11:00pm and 1:50am removing traffic barriers from the site.

Public Comments:

No public comments received related to nighttime noise.

Exceedances:

No Exceedances

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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Saturday, July 9, 2022												
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	52.5	51.3	48.2	45.5	49.8	45.9	47.9	51.4	51.9	54.7
Site 2 - 2015 E. Roanoke St	78	56.4	56.2	51.9	49.8	50.4	49.8	48.2	50.9	55.3	55.7	57.9
Site 3A - Canterbury Shores	62	45.4	44.0	46.0	52.8	53.0	53.1	53.1	51.7	47.5	45.5	50.4
Site 4A - 2110 E. Hamlin St	66	53.6	54.0	48.8	48.2	47.1	49.0	47.1	48.8	53.8	52.9	55.5
Site 5 - 2565 22nd Av E.	65	56.2	55.5	52.0	49.8	49.5	49.5	47.8	50.4	54.5	55.4	57.2
Site 6 - 2160 E. Hamlin St	63	50.2	48.6	46.8	47.0	44.9	49.6	46.7	48.3	50.8	50.5	52.1
Site 7 - 2209 E. Lake Wa Blvd	66	49.8	48.4	47.6	44.5	43.3	47.4	42.2	45.5	51.0	50.0	51.2
Site 8 - Portable Between Sites 4 and 6	63	51.4	51.2	47.1	47.5	47.0	50.1	47.9	48.5	50.9	51.2	53.4
Site 9 - Portable Between Sites 1 and 7	66	56.4	56.0	54.0	51.9	50.1	54.7	47.9	51.3	58.4	56.7	58.0
Site 10 - Portable Between Sites 1 and 7	66	62.0	60.3	59.0	55.0	51.5	54.9	51.8	55.2	60.6	59.7	61.3

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

Elcon worked between 11:00pm and 5:30am pulling wires, 7 workers on site. Graham worked between 11:00pm and 9:00am setting girders, between 10:00pm and 4:10am installing drainage, and between 7:00am and 9:00am on installing transverse bracing and setting up for false decking.

Public Comments:

No public comments received related to nighttime noise.

Exceedances:

No Exceedances

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

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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, July 10, 2022												
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	52.2	50.8	51.5	51.5	48.3	50.3	46.7	48.6	57.2	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	56.5	55.9	51.2	55.1	49.3	51.9	54.2	59.8	61.7	N/A	N/A
Site 3A - Canterbury Shores	62	44.6	41.0	40.2	41.7	43.3	39.6	44.5	50.4	52.6	N/A	N/A
Site 4A - 2110 E. Hamlin St	66	51.3	50.6	46.9	46.9	44.6	47.0	51.1	56.7	58.6	N/A	N/A
Site 5 - 2565 22nd Av E.	65	55.9	55.1	50.4	53.6	53.6	48.6	50.8	52.9	58.4	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	50.1	46.8	49.2	49.2	45.0	44.0	42.8	47.7	55.9	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	50.3	51.0	46.2	45.7	45.0	45.2	49.5	54.1	56.5	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	49.4	47.6	46.3	46.2	45.2	45.8	48.3	54.9	53.5	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	57.4	57.4	51.4	51.8	50.2	54.4	54.5	62.6	63.7	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	59.4	58.7	59.2	54.2	56.1	53.8	55.3	66.2	65.7	N/A	N/A

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

Elcon worked between 10:00pm and 3:00am pulling wires on SR 520, 7 workers on site, until 10:00pm when a worker leaves for the night. Graham worked between 10:00pm and 4:08am setting up for false decking on WB SR 520. PSC worked between 10:00pm and 2:05am on establishing and pinning traffic barriers on SR 520.

Public Comments:

No public comments received related to nighttime noise.

Exceedances:

Sites 10 exceedance is due to public traffic. **(Non work related).**

Non-Compliance:

Persistant non-compliance with pure tone alarm on Graham scissor lift on WB SR 520

Legend

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Public Comment Log			
Date / Time	To/From	Issue	Resolution