

SR 520 Montlake Project

Noise Monitoring Weekly Report Summary for **Monday, July 8, 2024** to **Sunday, July 14, 2024**

PUBLISHED July 17, 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

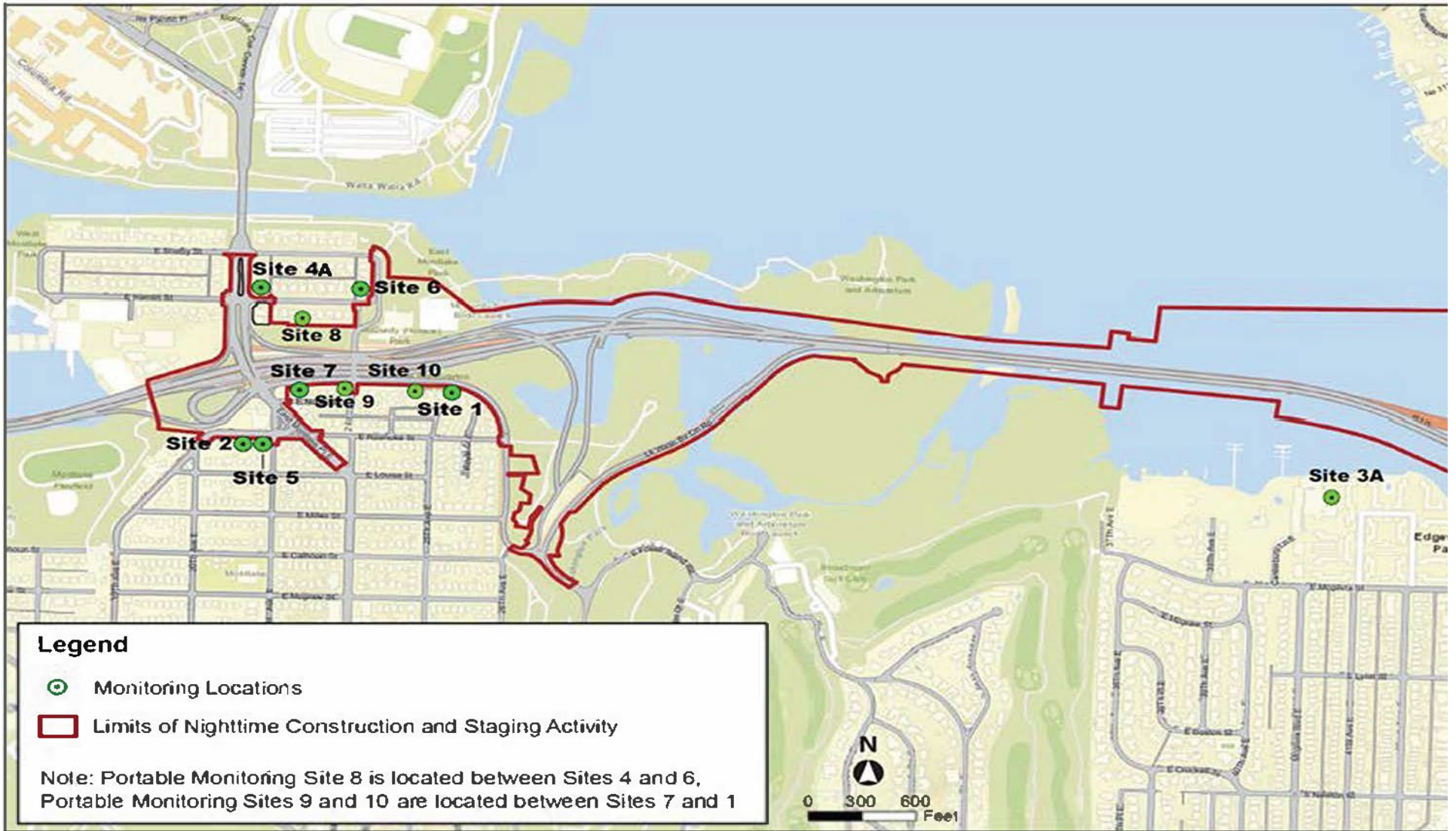
MPPCNV days to date: 1795

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

PROJECT TOTALS TO DATE	
Total Nights Worked (under the MPPCNV)	1069
Total Project related non-compliance	125
Total noise issue comments to the project	182
Total non-project related exceedances	6024

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, July 8, 2024 to Sunday, July 14, 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

Monday, July 8, 2024												
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	53.7	46.8	47	44.9	44.4	45	47.9	53.1	55.1	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	59.2	58.4	54.4	52.6	50.9	55.6	55.3	58.8	60.5	N/A	N/A
Site 3A - Canterbury Shores	62	51.5	47.7	46.5	51.6	51.4	51.5	52.6	54.3	55.2	N/A	N/A
Site 4A - 2110 E. Hamlin St	66	55.6	54.3	50.7	50.7	46.6	50	53.1	57	58.3	N/A	N/A
Site 5 - 2565 22nd Av E.	65	57.2	55.8	52.5	50.8	48.9	52.3	53.5	56.5	58.6	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	50.5	49.8	45.3	43.7	45.6	44.4	48.9	51.5	52.2	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	54.3	53.5	50.7	50.1	50	50.9	52.6	54.6	56.5	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	54	52.4	47.7	45.6	44	46.2	48.3	52.1	53.6	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	62.2	59.6	55.1	52.7	52	54.5	59.6	62.1	64.9	N/A	N/A

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:
Graham- Was onsite during MPPCNV 10:30pm to 4:00am. Drainage pipe install under span 3.
Valley electrical Solution: was onsite during MPPCNV 10:30pm to 4:00am. Under lid LHD strapping, QC/QA lights under lid. .
AAR- Onsite 1 inspectors.

Public Comments:
 none

Exceedances:
 Site(s) 0 exceedances. Contractor placed #10 at #9 location do to #9 being stolen.

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, July 8, 2024 to Sunday, July 14, 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

Tuesday, July 9, 2024												
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	51.8	49.2	47.3	46	46.4	48.5	51.6	54.3	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	58.4	56	54.5	53.1	51.5	55.9	54.9	58.3	61.3	N/A	N/A
Site 3A - Canterbury Shores	62	51.9	48.6	46.4	52.8	51.8	52.1	52.7	54	54.5	N/A	N/A
Site 4A - 2110 E. Hamlin St	66	55.3	53.2	53.7	49.2	48.7	49.8	53.3	56.9	59.5	N/A	N/A
Site 5 - 2565 22nd Av E.	65	56.3	54.3	53.1	51.1	50	53.3	53	56	59.6	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	51.7	50	49	46.5	45.2	48	46.9	48.6	52.3	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	58.6	57.7	57.1	56.9	56.8	57.6	57.2	57.9	58.6	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	52.6	51	48.9	46.9	46	49	48.7	52.4	55.8	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	64.8	60.2	57.7	55.2	52.5	58.3	57.4	61.3	63.5	N/A	N/A
*Hourly-Average Leq (dBA)												

Notes recorded by the on-site Independent Noise Monitor

Work:

Graham- was onsite during MPPCCNV 10:30pm to 4:00am. - Install drainpipe on floating bridge.
Valley electrical Solution was onsite during MPPCCNV hours between 10:30pm to 4:00am for QC/QA lights under lid. Working on install lenses on lights on WDX. Under lid LHD strapping.
AAR- Onsite 1 inspectors QA/QC lights underlid.
PSC- removing temp barrier and placing permanent barrier on EB SR 520.

Public Comments:

None

Exceedances:

Site(s) 0 exceedances. Contractor placed #10 at #9 location do to #9 being stolen.

Non-Compliance:

PSC had two vehicles onsite with back up beepers. PBS shut down work asked them to please get offsite. Grouting operation canceled.

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 MPPCCNV
- 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, July 8, 2024 to Sunday, July 14, 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

Wednesday, July 10, 2024												
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	48.5	45.2	47.6	44	47.7	53	56.5	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	64.9	56.1	52.8	50.5	56.6	52.9	54.3	58.3	61.7	N/A	N/A
Site 3A - Canterbury Shores	62	54.3	52.5	49	52.1	52	51.8	55.1	54.1	55.5	N/A	N/A
Site 4A - 2110 E. Hamlin St	66	57.9	54.2	50.2	48.2	58.6	47.3	52.7	56.9	58.8	N/A	N/A
Site 5 - 2565 22nd Av E.	65	62.8	54.6	51.3	49.3	55.2	50.3	52.4	56.4	59.9	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	49.1	50.2	45.9	42.2	50.7	40.3	47	48	50.8	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	59.1	58	57.1	56.7	57.3	56.5	56.7	57.6	60.1	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	51.1	51	46.6	42.8	54	42	47.3	51.2	54.5	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	~	~	~	~	~	~	~	~	~	N/A	N/A

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

Graham- was onsite during MPPCNV 10:30pm to 4:00am. Install drainpipe on floating bridge.
Valley electrical Solution- was onsite during MPPCNV hours between 10:30pm to 4:00am - Under lid LHD strapping, QC/QA lights under lid.
AAR- onsite inspecting lights under lid, drainpipe on floating bridge.

Public Comments:

None

Exceedances:

Site(s) 0 exceedances. Contractor placed #10 at #9 location do to #9 being stolen. Monitor 10 stopped recording data at 21:51pm on 7/10, started to record again at 10:00am on 7/11/2024. waiting for response from Sixense.

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, July 8, 2024 to Sunday, July 14, 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

Thursday, July 11, 2024												
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	53.5	50.4	47.5	45.6	43.9	44.9	46.5	51.7	54.9	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	57.5	59.8	55.2	52.8	51.3	53.5	54.9	58.2	60.9	N/A	N/A
Site 3A - Canterbury Shores	62	50.4	49.9	47	52.2	51.9	52	52.9	54.2	55	N/A	N/A
Site 4A - 2110 E. Hamlin St	66	56.2	60.8	52.4	48.9	47.6	49.6	52.5	57.4	58.6	N/A	N/A
Site 5 - 2565 22nd Av E.	65	55.8	59.3	55.2	51.6	49.7	51.2	53.6	56.3	58.9	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	48.5	45.4	43.5	~	39.4	40.9	43.4	48.5	51.2	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	57.9	57.9	57.1	57	56.6	56.8	56.9	57.8	58.8	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	50.7	49.6	45.5	42.8	41.9	43.4	47.3	51.6	58.8	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	62.4	61	56.1	54.9	50.5	52.9	57.7	62.1	65	N/A	N/A

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

Graham- Was onsite during MPPCNV 10:30pm to 4:00am. Drainage pipe install under span 3.
Valley electrical Solution: was onsite during MPPCNV 10:30pm to 4:00am. Under lid LHD strapping, QC/QA lights under lid. .
AAR- Onsite 1 inspectors.
Cable Com-Ran wire and spliced wire on Montlake Blvd light poles

Public Comments:

This morning at 6:15, the SAME banging noise was happening on the other side of the fence across from the side of my house. I am tired of this. How about send someone out to the area at 6 and check out what is going on? I definitely have the feeling that Graham doesn't care about the rules of construction anymore now that they are about done but I DO!
Francie Jajewski

Exceedances:

Site(s) 0 exceedances. Contractor placed #10 at #9 location do to #9 being stolen.

Non-Compliance:

None

Legend

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N/A = Time Period not applicable to MPPCNV
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NOISE MONITORING - WEEKLY REPORT
Monday, July 8, 2024 to Sunday, July 14, 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

Friday, July 12, 2024												
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	55.7	51.5	50.6	49.8	47.4	47	50	50.8	51.1	52.3	54.1
Site 2 - 2015 E. Roanoke St	78	61	59.5	58.4	58.6	58.5	55.3	58	57.9	58.2	57.8	58.9
Site 3A - Canterbury Shores	62	55.1	54.5	54.6	54.2	54.4	54.9	54.6	54.3	54.2	54.3	55.6
Site 4A - 2110 E. Hamlin St	66	56.6	54.9	54.2	56.5	53.9	51.4	56.4	55.4	57.5	55.5	58
Site 5 - 2565 22nd Av E.	65	59	57.2	56.6	56.3	56.2	53.4	56.2	55.8	56.2	56	~
Site 6 - 2160 E. Hamlin St	63	50	50.3	50.4	51.6	47	47.6	49.6	50.4	48.5	48.6	50.2
Site 7 - 2209 E. Lake Wa Blvd	66	58.7	57.7	57.6	57.4	57.2	57.1	57.4	57.3	57.4	57.9	58.5
Site 8 - Portable Between Sites 4 and 6	63	53.3	52.3	51.4	54.4	48.3	47.9	50.9	52	51.1	51.8	52.4
Site 9 - Portable Between Sites 1 and 7	66	~	~	~	~	~	~	~	~	~	~	~
Site 10 - Portable Between Sites 1 and 7	66	64	60.6	59.1	57.8	55.2	54.2	56.9	58.3	59.4	62.1	63.9

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

Graham- Was Not onsite during MPPCNV 11:00pm to 9:00am. No work during the MPPCNV hours.

Public Comments

None.

Exceedances:

Site(s)) 0 exceedances. Contractor placed #10 at #9 location do to #9 being stolen.

Non-Compliance:

None.

Legend

Leq = Leq means the equivalent sound level, which is the constant sound level in a given time period.

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Red = Noise Level Exceedance, project related

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Monday, July 8, 2024 to Sunday, July 14, 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

Saturday, July 13, 2024												
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	51.3	50.5	50.3	47.9	45.3	47.6	48.2	49.5	52.2	55.1
Site 2 - 2015 E. Roanoke St	78	59.1	59.1	57.7	55.1	53	51.8	52.4	56.8	55.9	57	58.9
Site 3A - Canterbury Shores	62	54.6	53.7	48.8	46.8	45	43.6	44.1	46.3	47.9	48.1	50.3
Site 4A - 2110 E. Hamlin St	66	56	55.4	53.6	51.2	49.5	46.7	48.2	57.4	54.8	55.5	56.7
Site 5 - 2565 22nd Av E.	65	57.3	57	55.9	53.5	51.5	50.5	50.5	56.4	54.2	55.5	57.4
Site 6 - 2160 E. Hamlin St	63	51.1	49.5	46.8	48.1	47.1	42.8	43.8	48.6	47.5	49.5	51.5
Site 7 - 2209 E. Lake Wa Blvd	66	58.1	57.6	57.5	57.5	57.2	57	57	57.6	57.3	57.9	58.6
Site 8 - Portable Between Sites 4 and 6	63	54.4	53.2	49.5	48.6	47.3	43.6	47.2	50.2	50	51.4	53.8
Site 9 - Portable Between Sites 1 and 7	66	~	~	~	~	~	~	~	~	~	~	~
Site 10 - Portable Between Sites 1 and 7	66	62.3	60.9	59.6	0	53.9	52.3	52.8	58.1	58.4	61.7	63.6

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

Graham- Was Not onsite during MPPCNV 11:00pm to 9:00am. No work during the MPPCNV hours

Public Comments:

None.

Exceedances:

Site(s) 0 exceedances. Contractor placed #10 at #9 location do to #9 being stolen.

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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Monday, July 8, 2024 to Sunday, July 14, 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

Sunday, July 14, 2024												
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	50.8	49.1	47.1	45.2	46.8	46.1	51.1	53.8	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	59	57	55.4	57.9	51.5	51.7	53.1	57.2	60.3	N/A	N/A
Site 3A - Canterbury Shores	62	50.9	48.1	45.8	43.3	41.3	43.3	43.2	48.9	49.7	N/A	N/A
Site 4A - 2110 E. Hamlin St	66	57.5	54.8	53.3	57.9	48.3	49.9	52.2	57.3	58.9	N/A	N/A
Site 5 - 2565 22nd Av E.	65	57.9	55.6	54.1	54.7	50.1	50.9	51.3	55.6	58.5	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	59.1	49.8	48.7	47.6	44.1	47	44.9	50.2	50.9	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	59.2	57.5	57.1	57.3	56.9	56.9	56.8	57.5	56.3	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	56.8	54	51.2	49.4	45.5	48.1	48.5	53.9	55	N/A	N/A
Site 9 - Portable Between Sites 1 and 7	66	~	~	~	~	~	~	~	~	~	N/A	N/A
Site 10 - Portable Between Sites 1 and 7	66	62.9	60.1	55.8	59.1	53.6	52.6	56.8	60.5	64.5	N/A	N/A

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

Graham- Was onsite during MPPCNV 11:00pm to 4:00am onsite assisting with scanning of rebar layout, missed anchors located. Scanning for rebar on pier caps on WB SR520, scanning pipe penetrations through pier cap. Drill anchor for ductile iron pipe clamp.

AAR- Onsite 1 inspectors.

Rainer GPS- 2-person crew, Scanning floating bridge with Graham drainage pipe crew WB SR520. Scanned spans 3,4,7,8.

Public Comments:

None

Exceedances:

Site(s) 0 exceedances. Contractor placed #10 at #9 location do to #9 being stolen.

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).

