



SR 520 Montlake Project

Noise Monitoring Weekly Report Summary for **Monday, June 24, 2024** to **Sunday, June 30, 2024**

PUBLISHED July 3, 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

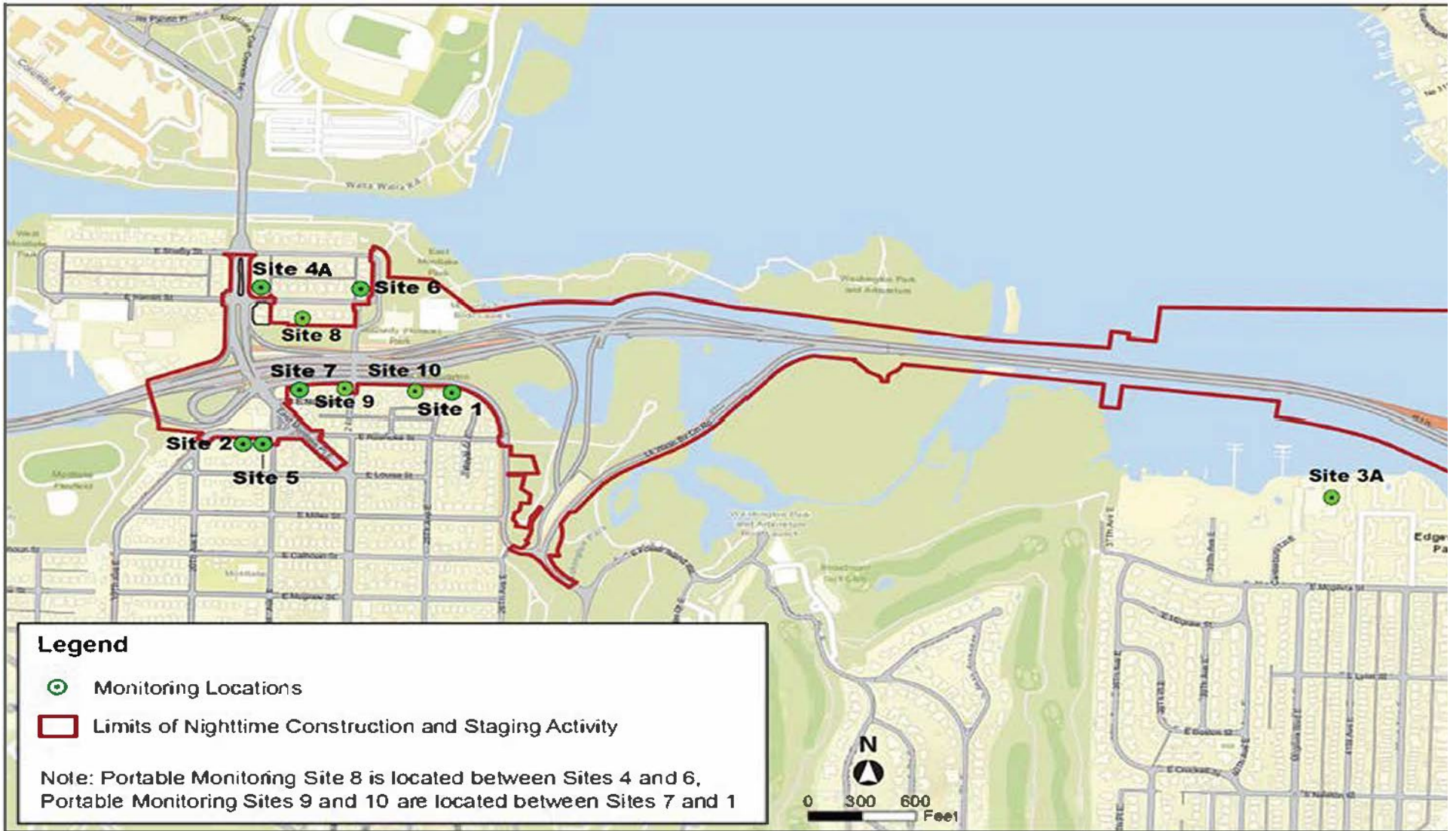
MPPCNV days to date: 1781

WEEKLY TOTALS	
Nights worked this week (under the MPPCNV)	5
Project related non-compliance this week	0
Nighttime noise issue comments to the project	1
Non-project-related noise exceedances this week	8

PROJECT TOTALS TO DATE	
Total Nights Worked (under the MPPCNV)	1060
Total Project related non-compliance	124
Total noise issue comments to the project	181
Total non-project related exceedances	6020

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, June 24, 2024 to Sunday, June 30, 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, June 24, 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	53.9	52.5	50.7	45.5	44.1	47.2	50.1	55	56.5	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	61.9	61.1	59.5	58.2	58.1	59.1	56.8	55.7	60.2	N/A	N/A
Site 3A - Canterbury Shores	62	49.9	50.6	45.3	44.3	42.9	43.2	47.3	51.1	54.1	N/A	N/A
Site 4A - 2110 E. Hamlin St	66	60.3	55.9	52.4	48.2	47.6	49.7	54.1	60.1	59.5	N/A	N/A
Site 5 - 2565 22nd Av E.	65	59.1	55.5	54	51.6	51.4	52.6	54.7	58.4	59	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	55.9	54.5	49.5	41.9	42	44.2	49.2	50.9	52	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	54.6	52.7	51.4	44.4	43.2	46.8	49.4	54.3	55.7	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	56.9	53.4	49.4	41.9	41.9	46.3	51.9	52.2	55.4	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	61.9	59.3	57.4	52.8	50.9	56.6	57.2	63.4	62.8	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, June 24, 2024 to Sunday, June 30, 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, June 25, 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	50.6	48.2	45.6	44.6	46.5	48	54.4	56.1	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	61.1	61	58.7	58.4	58.3	58.3	54.5	58.7	62	N/A	N/A
Site 3A - Canterbury Shores	62	53.3	49.9	45.2	46	42.7	43.4	45.1	51.7	53	N/A	N/A
Site 4A - 2110 E. Hamlin St	66	58.5	53.8	50.7	48.9	47.8	49	52.5	57.2	59.5	N/A	N/A
Site 5 - 2565 22nd Av E.	65	57.2	57.4	52.5	51.4	50.8	52	52.7	57.1	59.6	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	46.9	46.2	45	42	42.9	44.2	54.3	52.7	53.6	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	53.4	50.9	48.1	45.2	44.6	47.8	48.6	53.6	55.5	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	52.6	48.5	45.8	42.5	42.8	44.3	49.1	53.4	56.9	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	63	60	57	53.1	52.1	55.2	56.4	61.8	63.5	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 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.

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

~ = 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, June 24, 2024 to Sunday, June 30, 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, June 26, 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	53.9	50	47.5	44.7	44.3	45.9	47.7	53.3	55.3	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	63.1	62.4	61.9	61.6	61.6	60.4	54.6	57.6	61	N/A	N/A
Site 3A - Canterbury Shores	62	49.1	46.2	43.4	41.9	41.8	40.8	44.4	47.7	50.4	N/A	N/A
Site 4A - 2110 E. Hamlin St	66	57.9	56	53	50.4	49.9	50.1	54.5	58.2	59.8	N/A	N/A
Site 5 - 2565 22nd Av E.	65	58.3	56.5	54.9	53.7	53.7	52.7	52.3	55.7	59.4	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	52.8	49.6	48.2	44.9	47.3	45.8	50.6	54.5	53.2	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	53.4	50.9	47.6	45.9	44.9	45.9	48.5	52.9	58.5	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	56.5	54	51	47.8	48.6	47.2	51.2	55.2	59	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	59.4	55.3	54.6	50.9	54.6	56.9	61.9	69.6	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. Pulling wire thru vaults under lid EB SR 520

AAR- onsite inspecting lights under lid, drainpipe on floating bridge.

Public Comments:

None

Exceedances:

Site(s) #10 exceedances are not project related. 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

~ = 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, June 24, 2024 to Sunday, June 30, 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, June 27, 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	54	50.5	49.3	47.2	44.3	45.4	47	53.4	57	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	59	57.7	56.9	56.6	56.2	55.6	53.6	56.8	60.6	N/A	N/A
Site 3A - Canterbury Shores	62	51.8	48.3	47.6	45.3	45.3	45.1	46.2	49.2	52.3	N/A	N/A
Site 4A - 2110 E. Hamlin St	66	57.8	53.4	52	50.7	48.2	48	52.7	56.5	59.6	N/A	N/A
Site 5 - 2565 22nd Av E.	65	55.5	53.8	52.6	51.8	51	50.5	51.2	54.6	58.9	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	49.4	48	47	43.7	42.9	44.3	48.8	51.6	50.6	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	53.3	50.1	48.5	46.6	44	45.3	46.8	52.9	59.6	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	51.2	49	47.4	44.9	43.6	49.2	51.7	50.7	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	62.3	58.4	56.7	55.7	50.7	51.7	54.9	61.9	69	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, Pull EM/wire.
AAR- onsite inspecting lights under lid, drainpipe on floating bridge.

Public Comments:
None

Exceedances:
Site(s) #10 exceedances are not project related. 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
~ = 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, June 24, 2024 to Sunday, June 30, 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, June 28, 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	52.8	51.9	49.6	47.2	44.4	43.2	44	48.8	52.9	52.5	55
Site 2 - 2015 E. Roanoke St	78	59.7	57.5	60.8	55.2	53.2	50.3	51.5	54.3	60.9	64.3	67.8
Site 3A - Canterbury Shores	62	53.4	49.5	49.3	48	45.2	42.8	41.8	45.3	49.9	49.2	52
Site 4A - 2110 E. Hamlin St	66	57.3	56.5	59.6	51.4	50.1	47.9	50	53.5	56.1	56.7	58.7
Site 5 - 2565 22nd Av E.	65	57.8	55.9	59.3	53.4	51.4	48.7	49.8	52.9	59	66	71.2
Site 6 - 2160 E. Hamlin St	63	48.8	48.5	47	43.9	41.6	40.4	47.3	50.2	49.6	49.5	53.3
Site 7 - 2209 E. Lake Wa Blvd	66	53.2	52.4	53.2	47.5	45.2	43.6	44.2	49.3	55	53.4	56.3
Site 8 - Portable Between Sites 4 and 6	63	53.1	51.1	51.4	48.2	44.7	47.5	49	48.6	51	52.3	55.5
Site 9 - Portable Between Sites 1 and 7	66	~	~	~	~	~	~	~	~	~	~	~
Site 10 - Portable Between Sites 1 and 7	66	62.4	61.1	62.8	56.3	54.2	52.1	51.1	58.1	65.5	62.5	64.6

*Hourly-Average Leq (dBA)

Notes recorded by the on-site Independent Noise Monitor

Work:

Graham- Was not onsite during MPPCNV 10:00am to 9:00am. remove finger joint on WB SR 520 Span 1. Install support brackets on sign bridge 10. Sawcut roadway vacuum support.

Public Comments

None

Exceedances:

Site(s) #5 exceedances are not project related. 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

~ = 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, June 24, 2024 to Sunday, June 30, 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, June 29, 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	54.8	52.9	50.1	46.8	47.5	60.5	44.6	49	49.5	51.6	54.5
Site 2 - 2015 E. Roanoke St	78	59.1	56.8	54.2	52.4	52.6	61	50.2	53.7	56	63.2	64.1
Site 3A - Canterbury Shores	62	50.8	48.6	44.9	42.4	43.9	40.2	39.7	42.4	44.6	51.1	51.5
Site 4A - 2110 E. Hamlin St	66	58.4	56.6	54.7	51.3	52.2	64.3	49.1	53.7	55.9	56.2	58.1
Site 5 - 2565 22nd Av E.	65	58.1	56	53.4	51.3	51.3	58	48.4	52.3	54.4	69.1	70.7
Site 6 - 2160 E. Hamlin St	63	51.1	49.4	47.5	43.7	47.3	45.6	46.8	48.1	47.2	48.8	51.5
Site 7 - 2209 E. Lake Wa Blvd	66	54.4	52.4	49.7	47.3	47.2	62	43.6	51	49.9	52.6	54.7
Site 8 - Portable Between Sites 4 and 6	63	54.6	52.2	49.2	46.4	48.8	53	47.2	50.6	51.9	53.5	55.3
Site 9 - Portable Between Sites 1 and 7	66	~	~	~	~	~	~	~	~	~	~	~
Site 10 - Portable Between Sites 1 and 7	66	64.8	62.1	59.3	56.9	53.9	69.2	51.2	58.9	59.6	61.7	64.7

*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:

Around 8am this morning, june28, a bulldozer type vehicle started banging around on the other side of the fence to the side of our house. Work has begun and it's nowhere near 9am.
Francie Jajewski .

Exceedances:

Site(s) #5,#10 exceedances are not project related. 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

~ = 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, June 24, 2024 to Sunday, June 30, 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, June 30, 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	53.6	51.8	49.9	45.4	45.5	44.5	48.5	54	56.8	N/A	N/A
Site 2 - 2015 E. Roanoke St	78	57.9	57.6	55.1	50.5	50.2	50.9	60.4	56.8	59.5	N/A	N/A
Site 3A - Canterbury Shores	62	49.8	51.1	48.3	42.3	43.2	41.5	43.2	49.7	52.5	N/A	N/A
Site 4A - 2110 E. Hamlin St	66	56.5	55.5	52.4	48.7	49.1	49.2	56.4	56.7	59.9	N/A	N/A
Site 5 - 2565 22nd Av E.	65	56.6	57.6	53.5	48.7	48.8	48.4	57.3	55	59.3	N/A	N/A
Site 6 - 2160 E. Hamlin St	63	50.9	50.4	46.7	44.4	46	40.8	52.9	51.7	52.9	N/A	N/A
Site 7 - 2209 E. Lake Wa Blvd	66	52.9	52.8	49.3	45.1	44.4	44.8	52.1	54.4	56.3	N/A	N/A
Site 8 - Portable Between Sites 4 and 6	63	53.3	52.5	49.5	44.8	45.6	42.3	48.7	52.7	54.6	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	61.3	61.6	58.7	54.3	51.1	52.9	62.2	63.5	67.7	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 7:00am. Install drainage pipe span 5.

AAR- Onsite 1 inspectors.

Public Comments:

None

Exceedances:

Site(s) #10, exceedances are not project related. 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

~ = 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, June 24, 2024 to Sunday, June 30, 2024

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

Public Comment Log			
Date / Time	To/From	Issue	Resolution
07.01.2024 8:23A.M.	TO: Email to project team From: Francie Jajewski	Around 8am this morning, june28, a bulldozer type vehicle started banging around on the other side of the fence to the side of our house. Work has begun and it's nowhere near 9am.	INM for WSDOT scanned the camera. Waste Management was in the area with a garbage truck.