

SDOT Noise Variance Compliance Assessment Report #21

Reporting Date Range:	08/29/11 – 09/04/11
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Project Summary

Variance # and Type:	3011335, Major Public Project Construction Variance
Variance Holder:	Seattle Department of Transportation
Project Name:	Mercer Corridor Improvements Project
Contractor:	Gary Merlino Construction Company
Sound Monitoring Firm:	The Greenbusch Group, Inc.

Assessment Summary

Hourly sound level data was reviewed in accordance with the established protocol to determine the variance exceedances identified herein.

Number of Exceedances:	Courtyard Marriott (08/29/11 – 08/31/11)	Mercerview Apartments (08/31/11 – 09/01/11)	
	0 (NONE)	0 (NONE)	
Number of Complaints:	Agency Hotline	DPD Hotline	DPD Hotline
	1	0 (NONE)	1

Variance Exceedance Details (All Sound Levels Hourly L₀₁)

Date:	N/A	Hourly Period:	N/A
Commercial Sound Level Limit:	85 dBA	Measured Sound Level:	< 85 dBA
Duration Residential Sound Levels from Site Emissions Were Above 85 dBA			N/A

No exceedances were measured during this reporting period.

Complaint Details

Date:	08/31/11	Time:	6:15 AM
Complainant:	Josh Danfield	Location:	535 Pontius Ave. N
Date:	08/31/11	Time:	5:30 AM
Complainant:	Patient at Pete Gross House	Location:	Pete Gross House, 525 Minor Ave. N
Complaint Associated with Noise Source Resulting in Exceedance?			Unknown

Two complaints were received regarding construction activities prior to 7am on Wednesday 08/31. While work is allowed during this time on weekdays, certain activities are disallowed, such as impact tools. The first complainant, Josh Danfield called the MCI Hotline and reported crews were dropping metal plates at 5:45 am. Mr. Danfield also visited the construction site and spoke with the Resident Engineer about the noise, immediate action was taken by the RE to resolve the complaint. The second complaint came through DPD's construction hotline and was from a patient at the Pete Gross House who reported there was jackhammering by Mercer and Fairview at 5:30 am. We did not receive notification of the complaints in time to perform investigatory site visits prior to 7am. However, the

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noise monitoring terminal was moved closer to the complainant properties the evening of 08/31 to monitor site noise levels the following morning, 09/01.

General Notes and Observations:

Monitoring was conducted during nighttime work hours to assess compliance with Variance limits by measuring sound levels at the nearest sensitive receivers. Nighttime construction activities near sensitive receivers included excavating, catch basin installation and PSE work along Mercer.

A site visit was conducted on Friday 09/02 at 5:30 am. A haul truck did not have a dirt bed which is a condition of the Variance. The Resident Engineer was informed within 20 minutes at the activities were corrected.

Completed by: Justin B. Morgan	Date: 09/09/11
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