

SDOT Noise Variance Compliance Assessment Report #68

Reporting Date Range:	8/6/12 – 8/12/12
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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, East Phase
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:	Residence Inn (8/6/12 – 8/8/12)	Mercerview Apartments (8/10/12 – 8/13/12)	
	0 (NONE)	0 (NONE)	
Number of Noise Complaints:	Project Hotline	DPD Hotline	DPD E-mail
	2 (NONE)	0 (NONE)	0 (NONE)

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.

Noise Complaint Details

Date:	08/07/12	Complaint #:	080712-1	Time:	2:25 am
Complainant:	Hotel guest			Location:	Residence Inn
Complaint Associated with Noise Source Resulting in Exceedance?					No

A complaint was received by the Project Hotline and an investigative site visit was conducted immediately. Upon arrival at the site around 2:45 am, no Project activity was observed. Further details were provided from the complainant the following day indicating that the construction workers left the site after he communicated his complaint to them directly from his hotel balcony. Further investigation revealed that the noise complaint was related to Seattle Public Utilities work, at which point DPD followed up with SPU directly to resolve the complaint.

Completed by:	Adam C. Jenkins, PE(OR), INCE Bd. Cert.	Date:	8/15/12
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Date:	08/08-09/12	Complaint #:	080812-1	Time:	Unknown
Complainant:	Hotel guests (3)			Location:	Residence Inn
Complaint Associated with Noise Source Resulting in Exceedance?					No

Several complaints were filed by hotel guests the night of 08/08, which the hotel front desk relayed to the Project Hotline the morning of 08/09. Two of the complaints were associated with general construction noise/vibration, and one was from idling vehicles on-site. Variance documents were reviewed for idling restrictions, and it was confirmed that an idling limit on vehicles is appropriate “when practical and feasible.” In light of this, and previous, complaints related to vehicle idling, it will be a specific observation point during future site visits.

General Notes and Observations:

Monitoring was conducted during nighttime work hour to assess compliance with Variance limits by measuring sound levels at the nearest sensitive receiver. Nighttime construction activities near sensitive receivers included water main and storm draining installation near Valley and Fairview and pavement work on Fairview Avenue North between Republican and Mercer.

A routine site visit was conducted on Saturday 08/11 at 11:00 pm; all activities were compliant with Variance conditions.

Completed by:	Adam C. Jenkins, PE(OR), INCE Bd. Cert.	Date:	8/15/12
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