

SDOT Noise Variance Compliance Assessment Report #64

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| Reporting Date Range: | 7/9/12 – 7/15/12 |
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Project Summary

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| 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.

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| Number of Exceedances: | Residence Inn (7/10/12 – 7/12/12) | Mercerview Apartments (7/13/12 – 7/16/12) | |
| | 0 (NONE) | 0 (NONE) | |
| Number of Noise Complaints: | Project Hotline | DPD Hotline | DPD E-mail |
| | 3 | 0 (NONE) | 0 (NONE) |

Variance Exceedance Details (All Sound Levels Hourly L₀₁)

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| 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

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|--|------------------------|---------------------|------------------|---------------|--|-----|
| Date: | 7/10/12 | Complaint #: | 071012-1 | Time: | Nighttime work starting on 7/10/12, between 11:30 PM and 4:00 AM | |
| Complainant: | Guest at Residence Inn | | Location: | Residence Inn | | |
| Complaint Associated with Noise Source Resulting in Exceedance? | | | | | | No |
| Date: | 7/11/12 | Complaint #: | 071112-2 | Time: | Nighttime work starting on 7/10/12 | |
| Complainant: | Guest at Residence Inn | | Location: | Residence Inn | | |
| Complaint Associated with Noise Source Resulting in Exceedance? | | | | | | No |
| Date: | 7/12/12 | Complaint #: | 071212-1 | Time: | 10:00 PM | |
| Complainant: | Guest at Residence Inn | | Location: | Residence Inn | | |
| Complaint Associated with Noise Source Resulting in Exceedance? | | | | | | N/A |

Three noise complaints were received through the Project Hotline during this reporting period, all from guests staying at the Residence Inn.

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| Completed by: | Justin B. Morgan & Adam C. Jenkins, PE(OR), INCE Bd. Cert. | Date: | 7/23/12 |
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Complaint 071012-1 was received at 8:00 AM on Wednesday (7/11) morning. The complainant reported construction crews dropping pipes between 11:30 pm on 7/10 and 4:00 am on 07/11. Since the complaint was not received the same night as the reported activities, no same night site visit could be conducted. Audio files were reviewed and while some sounds were recorded that sounded like pipes dropping, it was determined by the City of Seattle Noise Abatement Coordinator to be compliant with Variance conditions.

Complaint 071112-2 received on Thursday (7/12) at 5:00 pm reported that crews were talking loudly, or yelling on site the previous night. Because the complaint was received the following day, no same night site visit was conducted. Sound recordings were reviewed and no yelling was found in the recordings. The contractor also reported that crews were not yelling on site and that the yelling must have been from individuals not associated with the Project. Despite there being no additional evidence of yelling on site, an email was sent to the Resident Engineer reminding crews that raised voices are prohibited under the conditions of the Variance.

Complaint 071212-1 was received on Thursday (7/12) at 10:00 pm. The complainant reported loud construction noise. A site visit was conducted within 20 minutes of receiving the complaint and the Resident Engineer was immediately contacted. A manual sound level measurement was made, but did not indicate any exceedances of Variance limits. All Variance conditions were being observed during the site visit and measurement.

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 receiver. Nighttime construction activities near sensitive receivers water main installation at Fairview and Valley.

A routine site inspection visit was conducted at 10:30 pm on Tuesday 7/10; all observed activities were compliant with Variance conditions. A second site visit was conducted on Thursday 7/12 in response to complaint number #071212-1; all observed construction activities were compliant with Variance conditions.

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| Completed by: Justin B. Morgan & Adam C. Jenkins, PE(OR), INCE Bd. Cert. | Date: 7/23/12 |
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