

NOISE MEASUREMENT SITE CHARACTERISTICS

WILDWOOD TO WEMME US 26*

All measurements made on July 13, 2005

Measurement site 1

This measurement served to document the noise levels at two distances south of the highway, near the Mount Hood Village. The measured noise levels were made at 50 feet and 100 feet from the common roadway centerline. The noise level at 50 feet from centerline was Leq 76 dBA. The measured noise level at 100 feet from centerline was Leq 68.5 dBA. Noise primarily consisted of traffic noise from US 26, the Mount Hood Highway. Traffic conditions for this and all of the following noise measurements are shown on the attached Table.

Measurement site 2

This measurement served to document the noise level to a home north of the highway at 65211 Wemme Trail Rd. the home of the Knott family. The measured noise level was made at 110 feet north of the common roadway centerline. The noise level was Leq 63.6 dBA. Noise primarily consisted of traffic noise from US 26, the Mount Hood Highway.

Measurement site 3

This measurement served to document the noise levels at the Hoodland Church north of the highway. The measured noise level was made at 100 feet north of the common roadway centerline. The noise level was Leq 68 dBA. Noise primarily consisted of traffic noise from US 26, the Mount Hood Highway.

Measurement site 4

This measurement served to document the noise levels near the corner of Kinnikinnick Street and E. Oregon Street north of the highway. The measured noise level was made at 201 feet north of the common roadway centerline. The ground at this location is approximately 15 feet lower than the centerline of the highway. The measured noise level was Leq 56.7 dBA. Noise primarily consisted of traffic noise from US 26, the Mount Hood Highway.

Measurement site 5

This measurement served to document the noise levels near the corner of E. Mountain Avenue and E. Wemme Trail, north of the highway. The measured noise level was made at 200 feet from the common roadway centerline. The measured noise level was Leq 59.1 dBA. Noise consisted of traffic noise from US 26, the Mount Hood Highway, and also included local roadway traffic on E. Mountain Avenue and E. Wemme Trail Road.

Measurement site 6

This measurement served to document the noise levels at The Mountain Air Motel south of the highway. The measured noise levels were made at 50 feet from the common roadway centerline. The noise level was Leq 74 dBA. Noise primarily consisted of traffic noise from US 26, the Mount Hood Highway.

*** The measured noise levels were indicative of conditions present at the time of measurement. They represent a "snapshot" of time and circumstances. Other noise levels could vary at those sites dependent upon the traffic volumes and speeds present during the time of those measurements. Comparisons between these noise measurements and subsequent noise measurements must consider the conditions present at the time of those future measurements.**

**TABLE
OBSERVED TRAFFIC CONDITIONS AND SPEEDS
WILDWOOD TO WEMME
NOISE MEASUREMENTS**

MEASUREMENT SITE 1

DATE	7-13-2005	TIME:	10:00 AM	
			EB	WB
AUTOS:			477	297
MEDIUM TRUCKS:			24	27
HEAVY TRUCKS:			39	39
SPEED:			45	45

MEASUREMENT SITE 2

DATE	7-13-2005	TIME:	11:00 AM	
			EB	WB
AUTOS:			472	322
MEDIUM TRUCKS:			20	48
HEAVY TRUCKS:			40	20
SPEED:			45	45

MEASUREMENT SITE 3

DATE	7-13-2005	TIME:	12:23 PM	
			EB	WB
AUTOS:			384	360
MEDIUM TRUCKS:			21	21
HEAVY TRUCKS:			24	33
SPEED:			45	45

MEASUREMENT SITE 4

DATE	7-13-2005	TIME:	1:03 PM	
			EB	WB
AUTOS:			345	360
MEDIUM TRUCKS:			33	63
HEAVY TRUCKS:			18	36
SPEED:			45	45

MEASUREMENT SITE 5

DATE	7-13-2005	TIME:	1:47 PM	
			EB	WB
AUTOS:			498	345
MEDIUM TRUCKS:			27	15
HEAVY TRUCKS:			36	27
SPEED:			45	45

MEASUREMENT SITE 6

DATE	7-13-2005	TIME:	2:23 PM	
			EB	WB
AUTOS:			414	468
MEDIUM TRUCKS:			12	60
HEAVY TRUCKS:			30	21
SPEED:			45	45