

**Table 3-1. Noise Monitoring Summary**  
21 April - 2 May 2000

Monitoring Site	Hours		Range of Hourly Leq, dB		DNL, dB		Hourly L90, dB	
	A	C	A	C	A	C	A	C
1 - 105 Alesshire Farm Circle	237	237	32.3 - 67.7	48.0 - 76.2	56.9	69.2	37.9	51.1
2 - 528 Koerner Drive	212	224	37.7 - 71.1	48.1 - 75.4	65.5	71.2	42.9	53.9
3 - 4160 Honeybrook Avenue	249	249	35.1 - 76.7	48.6 - 82.3	58.5	68.7	42.0	53.7
4 - Airfield at Dog Leg Road	240	240	40.4 - 83.1	52.1 - 89.8	77.1	83.5	43.8	59.5
5 - Field at Peters Pike	254	252	42.0 - 73.7	55.6 - 82.1	66.3	79.2	46.0	62.1
6 - 708 Greenhurst Drive	252	251	40.0 - 72.3	52.6 - 78.7	63.9	72.6	45.7	57.1
7 - 7580 South County Road 25-A	249	249	44.6 - 76.7	53.8 - 81.8	71.9	78.3	47.9	57.9
8 - 11641 North Dixie Drive	(166)	(166)	-	-	(76.3)	(81.1)	44.0	56.6
9 - 11040 Engle Road	(200)	249	-	67.1 - 84.4	(70.8)	82.4	59.6	67.6
10 - 518 Hathaway Trail	247	244	40.2 - 69.8	49.4 - 75.9	61.8	69.7	44.6	55.0
11 - 6700 Tipp Canal Road	247	227	42.2 - 75.7	52.9 - 86.8	73.3	83.9	43.4	58.5
12 - 4425 Ross Road	246	243	39.1 - 70.8	52.1 - 84.6	61.1	74.5	41.5	56.0
13 - 8440 Frederick Pike	240	240	42.1 - 68.9	58.8 - 82.1	64.2	77.2	46.4	60.7
14 - 926 Antioch School Road	238	238	30.2 - 69.7	46.8 - 79.5	60.2	72.3	38.1	53.3
15 - 10424 Frederick Pike	232	232	34.6 - 71.5	48.9 - 83.2	64.1	77.9	40.4	54.0
16 - 6500 Peters Road	218	189	31.9 - 76.0	49.9 - 85.5	65.7	76.5	38.6	56.5
17 - 25-A & Michaels Road	235	(127)	37.6 - 70.6	-	62.6	(72.4)	44.1	54.8
18 - Deer Dale Park on Virginia Drive	192	(154)	35.7 - 71.3	-	65.2	(77.0)	40.9	54.5
19 - 412 North Main Street	182	182	31.8 - 67.6	42.3 - 77.7	56.3	66.5	37.6	50.3
20 - 450 West Frederick-Garland Road	240	245	30.9 - 69.4	44.9 - 78.2	57.2	67.8	37.6	51.9
21 - 600 South Dixie Drive (Butler High School)	245	241	46.4 - 70.8	61.8 - 85.6	62.7	80.1	50.9	66.6
22 - 231 West National Road (Morton School)	200	219	45.6 - 65.8	57.5 - 81.2	59.2	74.4	48.1	60.5
23 - 611 Randler Road (Helke School)	216	216	42.3 - 67.1	56.7 - 75.6	62.1	72.7	45.6	59.4
24 - 263 North American Boulevard	185	(233)	45.1 - 75.0	-	63.8	(73.5)	(50.7)	61.8
25 - 362 Scenic Court	212	212	41.0 - 71.5	53.3 - 76.7	58.9	70.6	42.4	55.4
26 - 600 Block of Michaels Road (Thuma Farm)	218	236	33.3 - 70.7	49.6 - 84.4	63.6	76.9	40.0	56.7
27 - Tipp-Cowlesville & Ginghamburg Road	191	193	34.5 - 70.6	51.2 - 86.0	65.8	74.4	39.2	54.5
28 - 6759 S. County Rd., 25-A (Ghbg. Church)	(143)	208	-	59.3 - 81.6	(65.6)	77.6	47.2	63.7
29 - 508 Soter Place	(185)	(183)	-	-	(63.8)	(72.9)	43.5	55.8
30 - 1200 Sunny Glen Court	106	119	44.6 - 71.7	54.0 - 79.6	62.7	70.2	40.3	(56.6)
31 - 518 Hialeah Court	191	191	41.6 - 66.1	49.8 - 73.7	59.8	68.2	44.4	54.3
32 - Ginghamburg-Frederick Rd. (Timmer Farm)	241	206	35.1 - 76.7	39.4 - 81.8	68.5	76.4	41.4	50.9
33 - West Side of Bard Road (Moore Farm)	226	248	29.8 - 70.5	44.9 - 81.2	64.0	73.9	38.7	54.9
34 - 95 Ginghamburg Road	237	(211)	45.1 - 77.5	-	70.0	(78.3)	46.4	58.9
35 - 4 East Main Street (Monroe Twp. Office)	247	230	42.3 - 68.5	57.1 - 77.9	65.0	74.3	46.1	60.2
36 - North Hyatt Street (adjacent to TCHS)	198	198	45.6 - 67.7	54.3 - 86.3	63.5	75.6	51.2	60.7
37 - 2201 Kerchner Road	250	250	39.0 - 69.7	51.3 - 82.7	64.7	76.2	42.7	55.0
38 - 3710 West National Road	251	251	39.6 - 73.2	51.3 - 81.2	69.5	77.4	43.0	57.8
39 - 11030 Dog Leg Road	250	250	35.8 - 75.1	51.4 - 83.7	64.9	77.5	43.1	58.1
40 - 9101 Frederick Pike	249	248	36.5 - 74.5	50.2 - 80.5	71.7	77.5	43.2	55.7

Notes:

- Numbers in parentheses were estimated
- Hours = Hours of useful sound measurement data collected
- dB = Decibel
- A = A-weighted decibels
- C = C-weighted decibels
- Leq = Hourly Energy Average Sound Levels
- DNL = Day-night average sound level
- L90 = Background Sound Levels

Source: Wyle Laboratories, January 2001