
Noise measurements – Existing Conditions (Short Term)

Vista Canyon Ranch
Short-Term (15 minutes) Noise Measurements
Existing Conditions

Location: Off Site, Open Field west of Oak Ridge Drive

Leq Calculations

Minute	Measured dB	Sound Pressure Squared
1	54.8	301,995.17
2	79.9	97,723,722.10
3	65.7	3,715,352.29
4	55.0	316,227.77
5	52.5	177,827.94
6	51.4	138,038.43
7	55.1	323,593.66
8	55.5	354,813.39
9	59.1	812,830.52
10	53.5	223,872.11
11	52.5	177,827.94
12	52.8	190,546.07
13	54.0	251,188.64
14	51.5	141,253.75
15	53.8	239,883.29
Leq,15	68.5	7,005,931.54

Vista Canyon Ranch
Short-Term (15 minutes) Noise Measurements
Existing Conditions

Location: Off Site, Sulphur Springs Community Elementary School

Leq Calculations

Minute	Measured dB	Sound Pressure Squared
1	58.3	676,082.98
2	50.2	104,712.85
3	49.2	83,176.38
4	56.6	457,088.19
5	60.6	1,148,153.62
6	62.9	1,949,844.60
7	74.3	26,915,348.04
8	82.6	181,970,085.86
9	69.3	8,511,380.38
10	63.9	2,454,708.92
11	76.3	42,657,951.88
12	79.3	85,113,803.82
13	80.7	117,489,755.49
14	80.4	109,647,819.61
15	77.3	53,703,179.64
Leq,15	76.3	42,192,206.15

Vista Canyon Ranch
Short-Term (15 minutes) Noise Measurements
Existing Conditions

Location: Off Site, Dirt Road west of Lost Canyon Road terminus

Leq Calculations

Minute	Measured dB	Sound Pressure Squared
1	46.8	47,863.01
2	45.6	36,307.81
3	47.6	57,543.99
4	44.7	29,512.09
5	45.2	33,113.11
6	47.1	51,286.14
7	46.4	43,651.58
8	49.3	85,113.80
9	54.4	275,422.87
10	47.9	61,659.50
11	49.1	81,283.05
12	46.4	43,651.58
13	47.2	52,480.75
14	46.2	41,686.94
15	50.6	114,815.36
Leq,15	48.5	70,359.44

Vista Canyon Ranch
Short-Term (15 minutes) Noise Measurements
Existing Conditions

Location: Off Site, English Ivy Lane near Strawberry Pine Court

Leq Calculations

Minute	Measured dB	Sound Pressure Squared
1	68.2	6,606,934.48
2	69.3	8,511,380.38
3	68.5	7,079,457.84
4	70.4	10,964,781.96
5	66.7	4,677,351.41
6	56.7	467,735.14
7	57.3	537,031.80
8	53.7	234,422.88
9	76.4	43,651,583.22
10	76.1	40,738,027.78
11	55	316,227.77
12	54.9	309,029.54
13	53.7	234,422.88
14	54.6	288,403.15
15	51.3	134,896.29
Leq,15	69.2	8,316,779.10

Vista Canyon Ranch
Short-Term (15 minutes) Noise Measurements
Existing Conditions

Location: Off Site, Jakes Way and Rose Lane

Leq Calculations

Minute	Measured dB	Sound Pressure Squared
1	62.1	1,621,810.10
2	61.9	1,548,816.62
3	62.4	1,737,800.83
4	62.7	1,862,087.14
5	61.9	1,548,816.62
6	61.0	1,258,925.41
7	62.0	1,584,893.19
8	62.2	1,659,586.91
9	61.9	1,548,816.62
10	62.0	1,584,893.19
11	61.1	1,288,249.55
12	62.6	1,819,700.86
13	61.5	1,412,537.54
14	62.1	1,621,810.10
15	63.4	2,187,761.62
Leq,15	62.1	1,619,100.42