

Hollinger Public Blast Report



Blast Pattern: 3334_067
Date: 11-Aug-19
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 20000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 11 km/hr
Wind Direction: W
Temperature: 22.7 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	54.8 LAeq	103.9 dB
Edwards:	49.3 LAeq	96.7 dB
Fred:	49.5 LAeq	99.2 dB
Hollinger Office:	52.9 LAeq	109.1 dB
Noah:	58.8 LAeq	98.6 dB
Sandy:	55.1 LAeq	99.0 dB
Water Tower:	47.7 LAeq	106.9 dB
Wilson:	50.9 LAeq	103.5 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.0	7.5	8.8	10.1
Edwards:	7.2	9.4	22.8	33.7
Hollinger Office:	50.1	83.8	61.9	126.5
Sandy:	1.9	2.0	13.7	14.9

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	1.9	4.3
Edwards:	4.0	6.0
Hollinger Office:	3.5	7.6
Sandy:	0.8	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.4	0.8	1.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.6	0.7	1.1
Noah:	1.2	0.8	0.7
Moneta Pumping Station:	0.2	0.1	0.3
Sandy:	0.3	0.2	0.3
Water Tower:	0.7	0.4	0.5
Wilson:	1.2	0.7	1.7