

Hollinger Public Blast Report



Blast Pattern: 3350.5_006
Date: 20-Aug-19
Blast Time: 11:50
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11 km/hr
Wind Direction: SW
Temperature: 23.5 °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:	53.3 LAeq	108.2 dB
Edwards:	49.7 LAeq	101.4 dB
Fred:	43.6 LAeq	99.3 dB
Hollinger Office:	56.2 LAeq	110.2 dB
Noah:	62.5 LAeq	103.2 dB
Sandy:	52.9 LAeq	98.9 dB
Water Tower:	48.6 LAeq	105.5 dB
Wilson:	53.3 LAeq	101.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.0	7.0	12.7	14.5
Edwards:	7.7	10.9	18.1	39.9
Hollinger Office:	14.5	16.9	16.2	22.2
Sandy:	9.8	16.2	14.8	23.1

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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:	0.7	2.4
Edwards:	4.5	9.2
Hollinger Office:	2.7	4.0
Sandy:	1.1	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.2	0.1	0.2
Hollinger Office:	1.4	0.9	2.5
Hollinger West:	0.1	0.0	0.0
Imerys:	0.7	0.3	0.5
Noah:	0.5	0.6	0.4
Moneta Pumping Station:	0.1	0.2	0.1
Sandy:	0.0	0.0	0.0
Water Tower:	0.1	0.1	0.2
Wilson:	0.5	0.4	0.6