

Hollinger Public Blast Report



Blast Pattern: 3346_175
Date: 22-Aug-19
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 800 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 17 km/hr
Wind Direction: N
Temperature: 13.2 °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:	57.1 LAeq	110.3 dB
Edwards:	51.4 LAeq	102.4 dB
Fred:	45.3 LAeq	101.3 dB
Hollinger Office:	57.1 LAeq	114.2 dB
Noah:	71.9 LAeq	113.3 dB
Sandy:	44.9 LAeq	99.6 dB
Water Tower:	54.0 LAeq	109.8 dB
Wilson:	49.4 LAeq	107.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.8	6.0	5.6	6.0
Edwards:	3.3	3.6	7.1	8.4
Hollinger Office:	12.2	13.3	8.2	9.8
Sandy:	7.1	10.3	6.7	9.2

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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:	0.0	0.1
Edwards:	1.6	2.3
Hollinger Office:	2.2	3.6
Sandy:	3.3	6.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.4	1.2
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.4	0.6	0.4
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	0.3	0.2	0.2
Water Tower:	0.2	0.1	0.2
Wilson:	0.5	0.4	0.5