

Hollinger Public Blast Report



Blast Pattern: 3346_089
Date: 3-Apr-19
Blast Time: 15:50
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 20000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11 km/hr
Wind Direction: E
Temperature: -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:	53.9 LAeq	93.2 dB
Edwards:	44.5 LAeq	100.7 dB
Fred:	40.9 LAeq	96.3 dB
Hollinger Office:	56.7 LAeq	102.6 dB
Noah:	60.6 LAeq	100.1 dB
Sandy:	40.9 LAeq	105.2 dB
Water Tower:	46.4 LAeq	107.8 dB
Wilson:	48.9 LAeq	99.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.0	8.6	5.3	6.7
Edwards:	9.4	11.1	19.1	23.1
Hollinger Office:	14.2	17.4	15.7	19.0
Sandy:	10.3	11.0	6.0	7.2

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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:	0.6	0.7
Edwards:	0.9	1.6
Hollinger Office:	5.2	9.4
Sandy:	1.8	3.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.4	0.7
Hollinger West:	0.4	0.3	0.2
Imerys:	0.7	0.5	0.6
Noah:	0.6	0.6	0.8
Moneta Pumping Station:	0.5	0.4	0.4
Sandy:	0.9	0.7	0.9
Water Tower:	0.6	0.4	0.4
Wilson:	0.9	1.1	1.1