

Hollinger Public Blast Report



Blast Pattern: 3340_129
Date: 16-Oct-19
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 19 km/hr
Wind Direction: N
Temperature: 4.4 °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:	58.8 LAeq	107.3 dB
Edwards:	51.5 LAeq	103.4 dB
Fred:	46.2 LAeq	105.7 dB
Hollinger Office:	65.0 LAeq	134.9 dB
Noah:	70.2 LAeq	111.6 dB
Sandy:	46.9 LAeq	108.0 dB
Water Tower:	54.6 LAeq	105.8 dB
Wilson:	53.3 LAeq	108.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	23.0	23.3		
Edwards:	4.7	5.2	6.4	8.0
Hollinger Office:	4.2	4.6	3.2	4.3
Sandy:	3.7	5.0	5.1	6.5

Hollinger Public Blast Report



NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.1	0.2
Edwards:	1.6	2.9
Hollinger Office:	5.2	10.5
Sandy:	5.2	8.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	4.1	1.7	2.1
Edwards:	0.3	0.2	0.4
Hollinger Office:	0.5	0.2	0.3
Hollinger West:	0.9	0.5	1.0
Imerys:	0.3	0.3	0.4
Noah:	3.1	3.1	3.6
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.1	0.1	0.1
Water Tower:	0.3	0.1	0.3
Wilson:	0.4	0.3	0.4