

Hollinger Public Blast Report



Blast Pattern: 3334_110
Date: 6-Nov-19
Blast Time: 11:51
Blast Sign Activation: 7:40
Website Notification Time: 7:19

Blast Conditions

Ceiling Height: 10000 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 17 km/hr
Wind Direction: SW
Temperature: -4.8 °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:	54.1 LAeq	115.4 dB
Edwards:	50.6 LAeq	104.4 dB
Fred:	42.4 LAeq	102.6 dB
Hollinger Office:	55.8 LAeq	115.3 dB
Noah:	61.6 LAeq	105.4 dB
Sandy:	44.9 LAeq	102.9 dB
Water Tower:	51.5 LAeq	111.6 dB
Wilson:	48.3 LAeq	105.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.4	2.6	2.2	4.1
Edwards:	5.7	7.7	7.7	14.4
Hollinger Office:	5.9	21.3	5.5	19.4
Sandy:	2.2	2.5	3.8	4.5

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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:	0.3	1.4
Edwards:	6.8	15.7
Hollinger Office:	5.0	6.1
Sandy:	1.2	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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