

Hollinger Public Blast Report



Blast Pattern: 3334_111
Date: 3-Nov-19
Blast Time: 11:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 800 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 15 km/hr
Wind Direction: W
Temperature: -1.1 °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:	55.2 LAeq	108.5 dB
Edwards:	50.1 LAeq	107.6 dB
Fred:	43.8 LAeq	103.9 dB
Hollinger Office:	56.2 LAeq	110.8 dB
Noah:	62.6 LAeq	109.3 dB
Sandy:	41.7 LAeq	101.8 dB
Water Tower:	49.6 LAeq	111.8 dB
Wilson:	46.4 LAeq	105.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.2	5.9	5.3	7.2
Edwards:	11.8	16.9	13.4	23.7
Hollinger Office:	3.2	4.9	2.9	5.3
Sandy:	1.4	1.7	4.0	6.5

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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:	2.7	4.4
Edwards:	6.1	14.9
Hollinger Office:	3.5	5.2
Sandy:	1.2	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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