

Hollinger Public Blast Report



Blast Pattern: 3340_110B
Date: 9-Nov-19
Blast Time: 11:33
Blast Sign Activation: 7:40
Website Notification Time: 7:23

Blast Conditions

Ceiling Height: 1312 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 9 km/hr
Wind Direction: S
Temperature: -4.3 °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:	50.7 LAeq	99.6 dB
Edwards:	41.1 LAeq	95.2 dB
Fred:	35.6 LAeq	87.1 dB
Hollinger Office:	53.1 LAeq	103.0 dB
Noah:	59.9 LAeq	98.5 dB
Sandy:	50.2 LAeq	94.7 dB
Water Tower:	46.4 LAeq	106.2 dB
Wilson:	45.3 LAeq	93.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.4	4.4	4.5	6.1
Edwards:	4.5	4.7	5.5	7.5
Hollinger Office:	10.4	15.3	6.1	13.0
Sandy:	6.3	8.0	5.3	7.7

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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:	4.2	13.1
Edwards:	1.2	2.5
Hollinger Office:	10.9	36.4
Sandy:	2.3	4.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.0	0.0	0.1
Hollinger Office:	1.5	1.1	2.1
Hollinger West:	0.2	0.1	0.3
Imerys:	2.7	1.4	1.6
Noah:	1.6	1.0	1.4
Moneta Pumping Station:	0.2	0.3	0.1
Sandy:	0.2	0.1	0.1
Water Tower:	1.4	0.8	1.4
Wilson:	0.6	0.4	0.5