

Hollinger Public Blast Report



Blast Pattern: 3322_017
Date: 3-Jan-20
Blast Time: 11:43
Blast Sign Activation: 7:30
Website Notification Time: 7:21

Blast Conditions

Ceiling Height: 1312 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 17 km/hr
Wind Direction: W
Temperature: -2.6 °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:	55.5 LAeq	111.3 dB
Edwards:	50.2 LAeq	109.2 dB
Fred:	43.3 LAeq	105.8 dB
Hollinger Office:	55.4 LAeq	115.6 dB
Noah:	61.4 LAeq	112.2 dB
Sandy:	43.5 LAeq	108.2 dB
Water Tower:	47.6 LAeq	115.1 dB
Wilson:	60.0 LAeq	108.5 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.0	5.3	5.2	5.9
Edwards:	4.1	5.1	10.0	16.8
Hollinger Office:	5.6	14.8	9.2	39.4
Sandy:	2.2	2.6	4.4	5.6

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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:	1.7	2.3
Edwards:	3.9	6.5
Hollinger Office:	7.2	15.3
Sandy:	2.7	3.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.4	0.2	0.5
Hollinger West:	1.0	0.6	1.1
Imerys:	0.5	0.7	0.6
Noah:	0.9	0.5	0.7
Moneta Pumping Station:	0.6	0.4	0.6
Sandy:	2.5	0.9	1.7
Water Tower:	1.6	0.9	1.1
Wilson:	1.6	1.6	2.2