

Hollinger Public Blast Report



Blast Pattern: 3340_136
Date: 23-Dec-19
Blast Time: 11:42
Blast Sign Activation: 7:35
Website Notification Time: 7:22

Blast Conditions

Ceiling Height: 500 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 24 km/hr
Wind Direction: NW
Temperature: -1.9 °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:	58.0 LAeq	118.1 dB
Edwards:	55.1 LAeq	106.0 dB
Fred:	51.1 LAeq	118.5 dB
Hollinger Office:	59.9 LAeq	120.6 dB
Noah:	62.3 LAeq	116.6 dB
Sandy:	47.5 LAeq	113.6 dB
Water Tower:	58.9 LAeq	123.3 dB
Wilson:	56.4 LAeq	117.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.4	4.1	3.8	4.6
Edwards:	3.6	3.8	5.2	6.4
Hollinger Office:	3.1	3.3	3.0	6.0
Sandy:	1.6	2.9	4.0	5.4

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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:	0.5	0.6
Edwards:	1.0	1.5
Hollinger Office:	2.7	4.3
Sandy:	2.7	3.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.1	1.4	2.1
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.4	0.4	0.4
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.4
Noah:	0.5	0.3	0.5
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.1	0.1	0.2
Wilson:	0.5	0.2	0.7