

Hollinger Public Blast Report



Blast Pattern: 3334_078
Date: 27-Dec-19
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 11:00

Blast Conditions

Ceiling Height: 1640 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 19 km/hr
Wind Direction: W
Temperature: 0.5 °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:	54.9 LAeq	110.7 dB
Edwards:	51.7 LAeq	113.1 dB
Fred:	45.7 LAeq	113.3 dB
Hollinger Office:	56.0 LAeq	116.0 dB
Noah:	60.9 LAeq	109.2 dB
Sandy:	42.9 LAeq	106.8 dB
Water Tower:	49.0 LAeq	118.0 dB
Wilson:	52.5 LAeq	108.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.3	9.7	6.4	12.0
Edwards:	8.8	13.4	20.6	31.7
Hollinger Office:	19.5	54.1	19.6	56.6
Sandy:	1.6	2.0	3.7	4.9

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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:	1.6	2.6
Edwards:	5.1	11.3
Hollinger Office:	4.3	5.0
Sandy:	2.0	2.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.9	0.6	1.4
Hollinger West:	0.2	0.1	0.2
Imerys:	0.8	0.5	0.9
Noah:	1.2	0.4	1.3
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.2	0.2	0.3
Water Tower:	0.3	0.3	0.3
Wilson:	0.9	0.4	0.8