

Hollinger Public Blast Report



Blast Pattern: 3340_123
Date: 12-Nov-19
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2952 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: NW
Temperature: -15.1 °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:	54.8 LAeq	105.5 dB
Edwards:	48.1 LAeq	98.8 dB
Fred:	39.5 LAeq	99.5 dB
Hollinger Office:	60.4 LAeq	111.0 dB
Noah:	62.9 LAeq	105.0 dB
Sandy:	40.5 LAeq	96.9 dB
Water Tower:	47.5 LAeq	108.1 dB
Wilson:	45.6 LAeq	100.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.3	3.7	3.9	8.3
Edwards:	2.0	3.2	4.7	17.3
Hollinger Office:	2.7	4.1	6.2	9.1
Sandy:	4.1	5.0	13.0	14.7

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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:	0.4	0.6
Edwards:	4.8	38.7
Hollinger Office:	6.3	16.0
Sandy:	1.7	2.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.5	0.5
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.3	0.7	2.2
Hollinger West:	0.1	0.1	0.1
Imerys:	1.1	0.4	0.7
Noah:	0.7	0.7	0.8
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.2	0.1	0.2
Wilson:	0.9	0.2	0.9