

Hollinger Public Blast Report



Blast Pattern: 3346_194
Date: 27-Oct-19
Blast Time: 11:46
Blast Sign Activation: 7:40
Website Notification Time: 7:35

Blast Conditions

Ceiling Height: 656 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 11 km/hr
Wind Direction: NE
Temperature: 4 °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:	56.4 LAeq	104.2 dB
Edwards:	47.7 LAeq	95.3 dB
Fred:	42.7 LAeq	92.6 dB
Hollinger Office:	57.6 LAeq	110.7 dB
Noah:	62.5 LAeq	101.5 dB
Sandy:	40.6 LAeq	99.1 dB
Water Tower:	50.4 LAeq	105.6 dB
Wilson:	49.8 LAeq	98.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.6	11.9	6.1	6.6
Edwards:	4.4	7.7	8.5	13.7
Hollinger Office:	4.5	5.0	6.9	7.4
Sandy:	5.4	7.7	6.8	9.1

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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:	1.4	1.8
Hollinger Office:	1.9	2.0
Sandy:	9.2	22.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	7.9	2.1	4.3
Hollinger West:	0.1	0.0	0.1
Imerys:	1.2	0.9	1.3
Noah:	1.2	0.6	1.5
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.0	0.0	0.1
Water Tower:	0.6	0.4	0.7
Wilson:	0.2	0.2	0.2