

Hollinger Public Blast Report

Blast Pattern: 3322_050
Date: 19-Jan-20
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2953 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 24 km/hr
Wind Direction: N
Temperature: -15.2 °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:	48.0 LAeq	101.7 dB
Edwards:	44.0 LAeq	101.8 dB
Fred:	42.0 LAeq	106.3 dB
Hollinger Office:	52.1 LAeq	105.8 dB
Noah:	56.9 LAeq	119.0 dB
Sandy:	42.6 LAeq	108.6 dB
Water Tower:	49.3 LAeq	115.2 dB
Wilson:	58.1 LAeq	110.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.1	6.8	2.0	3.3
Edwards:	5.0	5.7	5.3	6.1
Hollinger Office:	5.6	12.4	2.0	2.8
Sandy:	11.3	19.8	7.6	16.3

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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:	0.1	0.3
Edwards:	1.2	1.7
Hollinger Office:	2.5	5.8
Sandy:	3.5	6.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.1	0.2	0.2
Hollinger West:	0.3	0.3	0.4
Imerys:	0.1	0.3	0.1
Noah:	0.2	0.2	0.2
Moneta Pumping Station:	0.5	0.4	0.4
Sandy:	4.2	3.0	2.7
Water Tower:	0.7	1.5	0.4
Wilson:	0.6	0.5	0.8