

Hollinger Public Blast Report

Blast Pattern: 3322_011
Date: 16-Jan-20
Blast Time: 11:50
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 7874 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 15 km/hr
Wind Direction: NW
Temperature: -20.6 °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:	52.8 LAeq	105.4 dB
Edwards:	51.7 LAeq	101.5 dB
Fred:	39.9 LAeq	102.7 dB
Hollinger Office:	56.2 LAeq	112.1 dB
Noah:	59.5 LAeq	105.2 dB
Sandy:	38.5 LAeq	110.1 dB
Water Tower:	46.4 LAeq	115.4 dB
Wilson:	50.7 LAeq	104.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.4	5.9	3.7	4.0
Edwards:	2.5	2.9	10.2	11.0
Hollinger Office:	5.9	7.2	7.0	7.7
Sandy:	9.4	9.8	8.7	9.3

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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:	1.1	1.6
Edwards:	2.0	2.4
Hollinger Office:	10.6	20.6
Sandy:	2.2	2.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.1	0.2	0.3
Hollinger West:	0.6	0.5	0.8
Imerys:	0.0	0.0	0.0
Noah:	0.5	0.3	0.6
Moneta Pumping Station:	0.6	0.5	0.8
Sandy:	3.8	2.9	2.7
Water Tower:	0.7	0.9	0.6
Wilson:	1.5	1.8	2.5