

Hollinger Public Blast Report

Blast Pattern: 3328_079
Date: 15-Feb-20
Blast Time: 11:33
Blast Sign Activation: 7:50
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 2296 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 31
Wind Direction: S
Temperature: -7.3 °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:	52.4 LAeq	112.3 dB
Edwards:	53.4 LAeq	115.3 dB
Fred:	47.9 LAeq	114.6 dB
Hollinger Office:	60.6 LAeq	117.6 dB
Noah:	60.1 LAeq	120.9 dB
Sandy:	52.6 LAeq	111.1 dB
Water Tower:	70.3 LAeq	122.6 dB
Wilson:	61.0 LAeq	112.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.0	13.5	8.7	14.1
Edwards:	7.6	8.7	14.2	17.2
Hollinger Office:	21.5	35.8	31.3	68.9
Sandy:	6.4	7.7	10.8	14.3

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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:	2.7	4.3
Edwards:	2.8	4.8
Hollinger Office:	4.6	5.2
Sandy:	3.3	3.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.9	1.1	1.2
Edwards:	0.4	0.3	0.3
Hollinger Office:	1.6	1.0	1.7
Hollinger West:	0.6	0.3	0.5
Imerys:	0.8	0.9	1.8
Noah:	3.0	1.2	2.8
Moneta Pumping Station:	0.5	0.4	0.3
Sandy:	0.9	0.6	1.0
Water Tower:	1.2	0.6	1.0
Wilson:	4.0	1.3	7.4