

Hollinger Public Blast Report

Blast Pattern: 3292_075
Date: 5-Feb-23
Blast Time: 11:34
Blast Sign Activation: 8:05
Website Notification Time: 7:55

Blast Conditions

Ceiling Height: 1,640 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 9
Wind Direction: NE
Temperature: -14.7 °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:	52.1 LAeq	105.6 dB
Edwards:	52.6 LAeq	95.8 dB
Fred:	39.1 LAeq	98.1 dB
Hollinger Office:	53.2 LAeq	113.7 dB
Noah:	57.8 LAeq	99.3 dB
Sandy:	38.6 LAeq	103.0 dB
Water Tower:	LAeq	dB
Wilson:	57.4 LAeq	108.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.0	12.1	5.5	6.1
Edwards:	6.2	8.5	13.9	21.5
Hollinger Office:	10.6	21.4	7.4	8.0
Sandy:	21.8	87.9	24.4	138.5

Hollinger Public Blast Report



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:	2.8	3.8
Hollinger Office:	2.1	6.4
Sandy:	8.1	26.7

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:	0.4	0.2	0.3
Hollinger Office:	0.7	0.4	0.6
Hollinger West:	0.2	0.1	0.2
Imerys:			
Noah:	0.6	0.7	0.6
Moneta Pumping Station	0.4	0.2	0.5
Sandy:	0.5	0.3	0.6
Water Tower:	0.2	0.2	0.3
Wilson:	0.9	0.8	1.0

