

Hollinger Public Blast Report

Blast Pattern: 3298_076
Date: 18-Nov-22
Blast Time: 13:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1,640 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 6
Wind Direction: W
Temperature: -7.0 °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:	53.6 LAeq	105.7 dB
Edwards:	48.4 LAeq	98.8 dB
Fred:	42.3 LAeq	96.0 dB
Hollinger Office:	55.2 LAeq	112.2 dB
Noah:	57.9 LAeq	100.9 dB
Sandy:	45.4 LAeq	108.1 dB
Water Tower:	47.7 LAeq	111.6 dB
Wilson:	48.1 LAeq	103.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.9	3.6	2.3	3.0
Edwards:	3.5	3.8	3.5	5.9
Hollinger Office:	2.3	10.8	13.6	21.8
Sandy:	1.7	1.8	2.4	3.5

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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:	1.8	2.9
Edwards:	4.0	5.1
Hollinger Office:	7.1	12.1
Sandy:	1.2	1.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.4	0.7	1.5
Edwards:	0.6	0.3	0.4
Hollinger Office:	0.7	0.3	0.5
Hollinger West:	0.3	0.1	0.3
Imerys:	0.6	0.5	0.5
Noah:	0.7	0.7	1.0
Moneta Pumping Station	0.5	0.3	0.9
Sandy:	0.7	0.3	0.5
Water Tower:	0.3	0.2	0.3
Wilson:	1.1	0.5	1.0

