

Hollinger Public Blast Report

Blast Pattern: 3310_078
Date: 10-Jan-22
Blast Time: 11:32
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: 28
 Wind Direction: NW
 Temperature: -26.4 °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:	53.1 LAeq	110.7 dB
Edwards:	48.2 LAeq	103.5 dB
Fred:	42.5 LAeq	103.8 dB
Hollinger Office:	55.7 LAeq	109.9 dB
Noah:	58.5 LAeq	108.4 dB
Sandy:	42.0 LAeq	98.5 dB
Water Tower:	46.6 LAeq	112.8 dB
Wilson:	54.2 LAeq	104.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	20.7	22.0	11.7	12.4
Edwards:	19.7	21.0	26.6	27.6
Hollinger Office:	30.1	34.4	31.4	34.1
Sandy:	0.0	0.0	22.4	24.7

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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:	0.9	1.6
Edwards:	11.7	12.4
Hollinger Office:	11.6	13.5
Sandy:	3.4	4.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.3	0.8
Edwards:	0.2	0.2	0.4
Hollinger Office:	0.5	0.4	0.4
Hollinger West:	0.2	0.1	0.2
Imerys:	0.5	0.4	0.5
Noah:	1.1	0.5	0.8
Moneta Pumping Station:	0.5	0.4	0.4
Sandy:	0.5	0.6	0.8
Water Tower:	0.4	0.4	0.5
Wilson:	1.6	1.0	2.3