

Hollinger Public Blast Report

Blast Pattern: 3316_103
Date: 19-Nov-21
Blast Time: 11:35
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: 50% Overcast Snow
 Wind Speed: 17
 Wind Direction: W
 Temperature: -2.3 °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:	56.3 LAeq	112.1 dB
Edwards:	51.8 LAeq	100.4 dB
Fred:	45.5 LAeq	105.5 dB
Hollinger Office:	58.2 LAeq	113.6 dB
Noah:	61.3 LAeq	105.3 dB
Sandy:	43.8 LAeq	103.0 dB
Water Tower:	49.6 LAeq	111.3 dB
Wilson:	47.9 LAeq	106.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.0	5.5	4.2	6.0
Edwards:	6.4	14.3	10.2	20.0
Hollinger Office:	11.9	26.6	16.1	44.4
Sandy:	1.1	1.7	2.9	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:	0.9	1.9
Edwards:	22.4	45.8
Hollinger Office:	15.0	19.8
Sandy:	1.6	2.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.7
Edwards:	0.3	0.1	0.3
Hollinger Office:	0.4	0.1	0.3
Hollinger West:	0.3	0.1	0.3
Imerys:	0.3	0.2	0.8
Noah:	0.5	0.5	0.4
Moneta Pumping Station:	0.7	0.5	0.7
Sandy:	0.8	0.5	0.9
Water Tower:	0.3	0.2	0.3
Wilson:	0.9	0.6	0.8