

Hollinger Public Blast Report

Blast Pattern: 3292_087
Date: 22-Dec-22
Blast Time: 11:41
Blast Sign Activation: 7:00
Website Notification Time: 7:46

Blast Conditions

Ceiling Height: 2,953 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 22
Wind Direction: SE
Temperature: -9.2 °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:	52.6 LAeq	102.7 dB
Edwards:	47.6 LAeq	103.2 dB
Fred:	41.4 LAeq	105.6 dB
Hollinger Office:	54.3 LAeq	112.2 dB
Noah:	55.7 LAeq	109.6 dB
Sandy:	47.5 LAeq	106.9 dB
Water Tower:	51.9 LAeq	111.1 dB
Wilson:	49.3 LAeq	107.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.7	6.7	4.2	5.9
Edwards:	5.2	6.7	5.3	6.3
Hollinger Office:	14.3	20.8	14.1	30.8
Sandy:	7.9	9.7	6.5	8.4

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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:	1.5	1.9
Edwards:	2.6	3.5
Hollinger Office:	3.4	4.6
Sandy:	1.7	2.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.3	0.1	0.2
Imerys:	0.2	0.4	0.1
Noah:	0.3	0.4	0.3
Moneta Pumping Station	0.2	0.2	0.3
Sandy:	0.6	0.4	0.6
Water Tower:	0.2	0.2	0.2
Wilson:	0.5	0.3	0.5

