

Hollinger Public Blast Report

Blast Pattern: 3298_083
Date: 23-Dec-22
Blast Time: 13:44
Blast Sign Activation: 7:30
Website Notification Time: 7:18

Blast Conditions

Ceiling Height: 984 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 19
Wind Direction: N
Temperature: -3.0 °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:	49.5 LAeq	101.8 dB
Edwards:	45.8 LAeq	102.1 dB
Fred:	40.1 LAeq	108.1 dB
Hollinger Office:	51.2 LAeq	106.8 dB
Noah:	54.7 LAeq	104.7 dB
Sandy:	41.7 LAeq	106.2 dB
Water Tower:	46.9 LAeq	104.5 dB
Wilson:	50.8 LAeq	107.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.1	8.6	2.7	3.2
Edwards:	5.1	9.0	6.0	13.7
Hollinger Office:	10.2	18.4	6.6	7.5
Sandy:	4.2	8.5	6.6	12.5

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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:	0.2	0.3
Edwards:	2.4	3.0
Hollinger Office:	2.4	5.7
Sandy:	5.8	20.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.9	0.5	0.7
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.3
Noah:	0.5	0.5	0.4
Moneta Pumping Station	0.4	0.9	0.2
Sandy:	0.2	0.1	0.2
Water Tower:	0.1	0.1	0.2
Wilson:	0.7	0.3	0.7

