

Hollinger Public Blast Report

Blast Pattern: 3298_087B
Date: 6-Jan-23
Blast Time: 11:32
Blast Sign Activation: 8:00
Website Notification Time: 7:51

Blast Conditions

Ceiling Height: 984 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 6
Wind Direction: W
Temperature: -13.8 °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:	51.4 LAeq	100.9 dB
Edwards:	54.2 LAeq	96.3 dB
Fred:	40.1 LAeq	91.4 dB
Hollinger Office:	53.7 LAeq	105.3 dB
Noah:	58.1 LAeq	97.9 dB
Sandy:	42.7 LAeq	98.3 dB
Water Tower:	42.8 LAeq	101.3 dB
Wilson:	53.0 LAeq	96.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.9	6.6	3.8	6.2
Edwards:	3.6	5.3	8.0	11.5
Hollinger Office:	16.1	16.8	3.2	7.7
Sandy:	3.9	6.3	4.8	5.8

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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:	2.5	3.1
Edwards:	4.3	5.8
Hollinger Office:	2.7	3.4
Sandy:	3.4	4.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.1	0.2
Edwards:	0.1	0.0	0.1
Hollinger Office:	2.4	1.3	1.7
Hollinger West:	0.1	0.1	0.1
Imerys:	0.6	0.8	0.5
Noah:	0.5	0.7	0.5
Moneta Pumping Station	0.1	0.0	0.1
Sandy:	0.1	0.1	0.2
Water Tower:	0.2	0.3	0.2
Wilson:	0.3	0.2	0.3

