

Hollinger Public Blast Report

Blast Pattern: 3292_062
Date: 4-Jan-23
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 984 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 15
Wind Direction: NE
Temperature: -8.2 °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:	56.7 LAeq	109.4 dB
Edwards:	48.7 LAeq	104.8 dB
Fred:	43.8 LAeq	105.5 dB
Hollinger Office:	57.0 LAeq	114.1 dB
Noah:	61.6 LAeq	110.1 dB
Sandy:	42.6 LAeq	108.8 dB
Water Tower:	49.2 LAeq	111.3 dB
Wilson:	49.6 LAeq	107.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.5	5.9	3.2	3.5
Edwards:	1.9	2.1	6.9	7.7
Hollinger Office:	0.0	0.0	4.9	5.5
Sandy:	5.2	8.6	6.7	11.1

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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:	0.1	0.3
Edwards:	2.0	2.4
Hollinger Office:	2.1	7.8
Sandy:	4.3	11.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.2	0.2	0.4
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.1	0.1
Noah:	0.4	0.8	0.3
Moneta Pumping Station	0.7	0.4	0.7
Sandy:	1.2	0.7	1.1
Water Tower:	0.3	0.2	0.3
Wilson:	1.2	0.6	0.9

