

Hollinger Public Blast Report

Blast Pattern: 3292_071
Date: 29-Jan-23
Blast Time: 11:35
Blast Sign Activation: 7:12
Website Notification Time: 7:04

Blast Conditions

Ceiling Height: 14,107 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7
Wind Direction: S
Temperature: -19.9 °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:	49.6 LAeq	104.0 dB
Edwards:	42.0 LAeq	97.6 dB
Fred:	37.8 LAeq	93.6 dB
Hollinger Office:	51.6 LAeq	108.2 dB
Noah:	57.6 LAeq	98.7 dB
Sandy:	40.1 LAeq	101.4 dB
Water Tower:	42.8 LAeq	106.1 dB
Wilson:	46.2 LAeq	97.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.4	5.4	4.0	7.7
Edwards:	38.6	59.6	49.1	90.8
Hollinger Office:	9.0	22.2	11.9	34.6
Sandy:	4.4	5.0	8.3	9.3

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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:	0.6	1.3
Edwards:	45.6	78.7
Hollinger Office:	6.4	11.4
Sandy:	5.4	7.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

