

Hollinger Public Blast Report

Blast Pattern: 3292_073
Date: 28-Jan-23
Blast Time: 11:37
Blast Sign Activation: 7:25
Website Notification Time: 7:22

Blast Conditions

Ceiling Height: 1,969 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 15
Wind Direction: W
Temperature: -19.5 °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:	54.3 LAeq	105.8 dB
Edwards:	47.2 LAeq	98.4 dB
Fred:	40.9 LAeq	101.3 dB
Hollinger Office:	53.7 LAeq	110.1 dB
Noah:	60.2 LAeq	101.9 dB
Sandy:	40.1 LAeq	104.1 dB
Water Tower:	44.4 LAeq	114.8 dB
Wilson:	58.6 LAeq	108.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.5	12.8	4.3	22.6
Edwards:	13.1	48.0	13.6	72.8
Hollinger Office:	15.8	18.4	1.8	6.8
Sandy:	4.6	5.9	3.4	4.2

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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:	1.3	2.0
Edwards:	6.7	10.9
Hollinger Office:	2.4	3.0
Sandy:	0.8	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

