

Hollinger Public Blast Report

Blast Pattern: 3268-060B
Date: 29-Jul-23
Blast Time: 11:30
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 29,856 ft
Boundary Layer Height: N/A m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 7 km/h
Wind Direction: W
Temperature: 17.8 °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:	55.2 LAeq	105.0 dB
Edwards:	55.3 LAeq	96.1 dB
Fred:	44.4 LAeq	107.5 dB
Hollinger Office:	56.9 LAeq	106.8 dB
Noah:	60.1 LAeq	99.6 dB
Sandy:	44.7 Laeq	100.8 dB
Water Tower:	48.1 LAeq	107 dB
Wilson:	50.9 LAeq	106 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.5	5.9	2.0	2.3
Edwards:	5.4	6.3	0.7	2.2
Hollinger Office:	2.4	2.9	36.6	38.1
Sandy:	5.9	12.6	11.4	26.4

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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:	0.0	0.1
Edwards:	0.5	1.0
Hollinger Office:	1.8	2.1
Sandy:	2.1	5.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.4
Edwards:	0.1	0.1	0.4
Hollinger Office:	1.1	0.5	0.6
Hollinger West:	0.2	0.2	0.1
Imerys:	1.0	0.4	0.7
Noah:	1.1	0.4	1.0
Moneta Pumping Station	0.3	0.1	0.2
Sandy:	0.0	0.1	0.5
Water Tower:	0.3	0.3	0.6
Wilson:	1.0	0.5	0.8

