

Hollinger Public Blast Report

Blast Pattern: 2250-002
Date: 18-Aug-22
Blast Time: 15:37
Blast Sign Activation: 7:00
Website Notification Time: 7:00

Blast Conditions

Ceiling Height: 29,855 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 13
Wind Direction: SE
Temperature: 27.9 °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:	56.6 LAeq	98.6 dB
Edwards:	46.9 LAeq	100.4 dB
Fred:	44.5 LAeq	96.8 dB
Hollinger Office:	56.1 LAeq	102.2 dB
Noah:	59.4 LAeq	100.9 dB
Sandy:	46.9 LAeq	106.5 dB
Water Tower:	46.1 LAeq	105.4 dB
Wilson:	47.5 LAeq	101.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	16.1	19.3	13.2	19.4
Edwards:	10.3	17.6	24.1	40.0
Hollinger Office:	34.9	76.6	40.3	105.5
Sandy:	17.5	20.4	14.8	19.3

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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:	0.1	0.6
Hollinger Office:	5.3	15.6
Sandy:	0.6	1.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.2	0.5
Hollinger West:	1.1	0.6	1.2
Imerys:	1.6	1.4	1.5
Noah:	1.0	0.9	0.8
Moneta Pumping Station:	0.9	0.5	0.8
Sandy:	4.6	1.5	1.5
Water Tower:	3.0	1.8	4.1
Wilson:	2.1	1.6	2.8

