

Hollinger Public Blast Report

Blast Pattern: 3274_075
Date: 31-Jul-23
Blast Time: 11:36
Blast Sign Activation: 7:20
Website Notification Time: 7:18

Blast Conditions

Ceiling Height:	24,934	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	50%	Partially Cloudy
Wind Speed:	13	km/h
Wind Direction:	NW	
Temperature:	17.2	°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:	55.8 LAeq	107.5 dB
Edwards:	48.9 LAeq	100.5 dB
Fred:	44.4 LAeq	96.3 dB
Hollinger Office:	56.6 LAeq	112.3 dB
Noah:	61.6 LAeq	105.1 dB
Sandy:	43.7 Laeq	102.4 dB
Water Tower:	49.9 LAeq	111.1 dB
Wilson:	47.0 LAeq	109.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.4	4.7	2.1	2.3
Edwards:	3.2	5.3	1.3	8.8
Hollinger Office:	2.3	2.8	37.4	39.1
Sandy:	1.7	2.1	6.1	8.4

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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:	0.1	0.4
Edwards:	1.1	2.0
Hollinger Office:	1.7	2.1
Sandy:	0.8	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.3	0.5
Hollinger West:	0.4	0.2	0.4
Imerys:	0.5	0.3	0.4
Noah:	0.5	0.4	0.6
Moneta Pumping Station	0.9	0.8	1.6
Sandy:	0.0	0.6	0.9
Water Tower:	0.6	0.3	0.8
Wilson:	0.9	0.9	0.8

