

Hollinger Public Blast Report

Blast Pattern: 3274_077A-078B
Date: 27-Jun-23
Blast Time: 15:42
Blast Sign Activation: 8:30
Website Notification Time: 8:30

Blast Conditions

Ceiling Height:	7,217	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	75%	Cloudy
Wind Speed:	6	km/h
Wind Direction:	NE	
Temperature:	12.3	°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:	59.1 LAeq	106.6 dB
Edwards:	49.5 LAeq	98.8 dB
Fred:	47.0 LAeq	96.0 dB
Hollinger Office:	56.4 LAeq	108.8 dB
Noah:	60.8 LAeq	101.7 dB
Sandy:	46.4 Laeq	98.6 dB
Water Tower:	48.7 LAeq	106.2 dB
Wilson:	48.9 LAeq	96.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.1	8.8	3.1	3.4
Edwards:	5.3	5.5	14.0	15.6
Hollinger Office:	0.0	0.0	46.0	51.8
Sandy:	0.0	0.0	10.8	14.4

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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	0.0
Edwards:	1.2	1.5
Hollinger Office:	4.7	11.7
Sandy:	9.5	21.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.5	0.6
Edwards:	0.1	0.3	0.5
Hollinger Office:	1.8	0.7	1.1
Hollinger West:	0.3	0.2	0.1
Imerys:	0.6	0.5	0.9
Noah:	0.8	0.9	0.8
Moneta Pumping Station	0.3	0.1	0.3
Sandy:			
Water Tower:	0.5	0.3	0.5
Wilson:	1.2	0.9	1.1

