

Hollinger Public Blast Report

Blast Pattern: 3286_069/072
Date: 6-Apr-23
Blast Time: 11:39
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height:	5,577	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	28	km/h
Wind Direction:	SW	
Temperature:	-0.5	°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:	59.3	LAeq	121.6 dB
Edwards:	56.9	LAeq	118.4 dB
Fred:	50	LAeq	116.9 dB
Hollinger Office:	59.1	LAeq	118.6 dB
Noah:	62.2	LAeq	116.5 dB
Sandy:	50.8	Laeq	113.5 dB
Water Tower:	61.7	LAeq	125.4 dB
Wilson:	56.3	LAeq	117.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.1	3.6	4.6	6.0
Edwards:	4.9	8.0	9.3	14.2
Hollinger Office:	19.6	24.1	7.9	12.4
Sandy:	3.1	3.3	5.4	5.9

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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:	0.3	0.6
Edwards:	3.6	4.9
Hollinger Office:	7.1	10.0
Sandy:	1.1	1.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.1	0.8	1.3
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.8	0.4	0.6
Hollinger West:	0.1	0.2	0.1
Imerys:	0.5	0.3	1.0
Noah:	0.7	0.7	0.7
Moneta Pumping Station	0.3	0.1	0.2
Sandy:	0.3	0.2	0.3
Water Tower:	0.2	0.2	0.3
Wilson:	0.6	0.4	0.6

