

Hollinger Public Blast Report

Blast Pattern: 3268_063
Date: 14-Aug-23
Blast Time: 11:37
Blast Sign Activation: 7:30
Website Notification Time: 7:20

Blast Conditions

Ceiling Height:	21,982	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	75%	Cloudy
Wind Speed:	6	km/h
Wind Direction:	W	
Temperature:	16.5	°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:	55.5 LAeq	102.9 dB
Edwards:	47.6 LAeq	94.5 dB
Fred:	44.7 LAeq	97.5 dB
Hollinger Office:	55.1 LAeq	104.1 dB
Noah:	60.6 LAeq	104.9 dB
Sandy:	43.4 LAeq	93.7 dB
Water Tower:	47.4 LAeq	105 dB
Wilson:	48.0 LAeq	99 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.2	7.4	2.4	2.7
Edwards:	2.1	2.3	4.6	6.4
Hollinger Office:	2.5	3.0	42.2	44.0
Sandy:	1.7	2.1	10.6	12.6

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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:	0.6	1.1
Hollinger Office:	2.5	3.3
Sandy:	2.0	4.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.1	0.6	1.2
Hollinger West:	0.2	0.1	0.1
Imerys:	0.5	0.4	0.8
Noah:	0.6	0.4	1.0
Moneta Pumping Station	0.2	0.1	0.3
Sandy:	0.0	0.2	0.3
Water Tower:	0.3	0.2	0.4
Wilson:	0.8	0.4	0.7

