

Hollinger Public Blast Report

Blast Pattern: 3262_051B/072WS/3256_216PS
Date: 24-Aug-23
Blast Time: 11:42
Blast Sign Activation: 7:20
Website Notification Time: 7:12

Blast Conditions

Ceiling Height:	5,249	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	100%	Overcast
Wind Speed:	11	km/h
Wind Direction:	S	
Temperature:	18.8	°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:	56.0 LAeq	108.4 dB
Edwards:	45.5 LAeq	99.8 dB
Fred:	41.0 LAeq	98.6 dB
Hollinger Office:	56.6 LAeq	115.0 dB
Noah:	63.0 LAeq	105.5 dB
Sandy:	58.9 LAeq	105.7 dB
Water Tower:	47.6 LAeq	112.5 dB
Wilson:	47.9 LAeq	97.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.1	12.8	2.6	2.9
Edwards:	7.5	7.8	24.0	25.4
Hollinger Office:	16.9	45.4	75.5	137.6
Sandy:	10.6	13.2	24.7	29.0

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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:	0.8	1.7
Edwards:	0.1	0.3
Hollinger Office:	21.7	108.2
Sandy:	1.3	2.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.6	0.7
Edwards:	0.4	0.3	0.6
Hollinger Office:	2.4	1.5	3.8
Hollinger West:	0.3	0.2	0.3
Imerys:	1.1	1.2	2.2
Noah:	1.1	0.8	1.1
Moneta Pumping Station	0.5	0.4	0.5
Sandy:	0.0	0.4	0.6
Water Tower:	0.6	0.9	1.2
Wilson:	1.5	0.8	1.1

