

Hollinger Public Blast Report

Blast Pattern: 3256-056/059
Date: 30-Oct-23
Blast Time: 11:30
Blast Sign Activation: 7:39
Website Notification Time: 7:40

Blast Conditions

Ceiling Height:	29,855	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	100%	Overcast
Wind Speed:	18	km/h
Wind Direction:	NW	
Temperature:	-1.8	°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:	58.1 LAeq	104.3 dB
Edwards:	51.5 LAeq	97.2 dB
Fred:	45.2 LAeq	108.4 dB
Hollinger Office:	59.4 LAeq	102.0 dB
Noah:	60.8 LAeq	103.6 dB
Sandy:	43.8 LAeq	102.6 dB
Water Tower:	49.1 LAeq	114.6 dB
Wilson:	46.8 LAeq	104.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.8	3.4	5.0	5.7
Edwards:	4.6	5.8	13.3	17.1
Hollinger Office:	14.2	22.2	16.5	28.3
Sandy:	5.6	6.4	4.7	5.7

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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:	0.7	1.0
Edwards:	3.8	6.1
Hollinger Office:	3.9	6.9
Sandy:	2.7	6.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

