

Hollinger Public Blast Report

Blast Pattern: 3268-056A
Date: 10-Jul-23
Blast Time: 15:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	4,265	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	100%	Overcast
Wind Speed:	28	km/h
Wind Direction:	SW	
Temperature:	25.0	°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:	56.3 LAeq	120.6 dB
Edwards:	51.8 LAeq	108.4 dB
Fred:	45.7 LAeq	108.5 dB
Hollinger Office:	56.7 LAeq	118.1 dB
Noah:	61.4 LAeq	110.4 dB
Sandy:	49.2 LAeq	112.4 dB
Water Tower:	51.0 LAeq	122.8 dB
Wilson:	49.5 LAeq	105.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	25.2	26.7	2.6	3.1
Edwards:	20.6	27.3	45.2	80.9
Hollinger Office:	47.5	118.3	98.1	159.0
Sandy:	34.9	59.0	36.0	64.9

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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:	2.1	4.9
Edwards:	2.4	4.0
Hollinger Office:	3.7	7.6
Sandy:	1.0	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.8	0.6	1.5
Edwards:	0.3	0.3	0.4
Hollinger Office:	0.8	0.3	0.6
Hollinger West:	0.3	0.2	0.3
Imerys:	0.7	0.3	1.0
Noah:	0.7	0.4	0.7
Moneta Pumping Station	0.4	0.2	0.3
Sandy:	0.0	0.2	0.4
Water Tower:	0.4	0.2	0.5
Wilson:	1.1	0.5	0.9

