

Hollinger Public Blast Report

Blast Pattern: 3280_065A
Date: 29-Apr-23
Blast Time: 15:52
Blast Sign Activation: 7:57
Website Notification Time: 7:47

Blast Conditions

Ceiling Height:	656	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast Rain
Wind Speed:	19	km/h
Wind Direction:	E	
Temperature:	8.3	°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:	59.4 LAeq	102.1 dB
Edwards:	50.6 LAeq	105.5 dB
Fred:	45.3 LAeq	106.6 dB
Hollinger Office:	58.0 LAeq	124.3 dB
Noah:	62.0 LAeq	112.8 dB
Sandy:	44.8 LAeq	101 dB
Water Tower:	54.5 LAeq	108.4 dB
Wilson:	50.6 LAeq	103.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.0	12.1	7.3	8.1
Edwards:	11.9	12.9	10.7	12.6
Hollinger Office:	4.9	6.0	14.7	15.7
Sandy:	6.6	7.9	7.8	9.6

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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:	0.4	0.5
Edwards:	2.2	2.5
Hollinger Office:	1.0	2.3
Sandy:	6.7	19.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.5	0.8
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.8	0.3	0.6
Hollinger West:	0.2	0.1	0.2
Imerys:	0.7	0.3	0.6
Noah:	0.6	0.4	0.8
Moneta Pumping Station	0.3	0.2	0.4
Sandy:	0.3	0.1	0.3
Water Tower:	0.2	0.2	0.2
Wilson:	0.8	0.3	0.9

