

Hollinger Public Blast Report

Blast Pattern: 3274_054
Date: 4-May-23
Blast Time: 11:52
Blast Sign Activation: 7:25
Website Notification Time: 7:19

Blast Conditions

Ceiling Height:	5,577	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	75%	Cloudy
Wind Speed:	15	km/h
Wind Direction:	E	
Temperature:	11.1	°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	108.2 dB
Edwards:	47.5 LAeq	98.4 dB
Fred:	51.0 LAeq	107.5 dB
Hollinger Office:	55.8 LAeq	112.3 dB
Noah:	60.4 LAeq	105.1 dB
Sandy:	41.6 LAeq	107 dB
Water Tower:	47.8 LAeq	110.7 dB
Wilson:	46.6 LAeq	104.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.6	9.2	5.5	6.9
Edwards:	9.6	11.7	12.9	18.1
Hollinger Office:	16.3	35.3	23.9	51.7
Sandy:	8.2	70.3	10.6	79.7

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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:	0.1	0.4
Edwards:	1.0	1.3
Hollinger Office:	0.3	0.7
Sandy:	12.2	100.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.2	0.6	1.1
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.7	0.4	0.6
Hollinger West:	0.5	0.1	0.4
Imerys:	0.6	0.3	0.6
Noah:	0.9	0.5	1.3
Moneta Pumping Station	0.8	0.5	1.1
Sandy:	0.6	0.3	0.8
Water Tower:	0.4	0.2	0.5
Wilson:	1.3	0.6	1.0

