

Hollinger Public Blast Report

Blast Pattern: 3268_051
Date: 26-May-23
Blast Time: 11:35
Blast Sign Activation: 7:26
Website Notification Time: 7:15

Blast Conditions

Ceiling Height:	16,076	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	0%	Clear
Wind Speed:	17	km/h
Wind Direction:	NE	
Temperature:	19.8	°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:	54.3 LAeq	109.8 dB
Edwards:	47.9 LAeq	102.3 dB
Fred:	43.6 LAeq	103.1 dB
Hollinger Office:	55.3 LAeq	115.7 dB
Noah:	61.4 LAeq	108 dB
Sandy:	44.6 Laeq	105.6 dB
Water Tower:	44.9 LAeq	113.9 dB
Wilson:	46.6 LAeq	104.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.5	8.6	1.9	4.5
Edwards:	14.4	23.8	0.0	0.0
Hollinger Office:	22.3	30.3	33.6	49.9
Sandy:	8.0	11.4	10.5	19.9

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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:	0.1	0.2
Edwards:	6.5	10.0
Hollinger Office:	3.9	7.6
Sandy:	0.4	0.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

