

Hollinger Public Blast Report

Blast Pattern: 3268_065
Date: 14-Mar-23
Blast Time: 11:42
Blast Sign Activation: 7:21
Website Notification Time: 7:17

Blast Conditions

Ceiling Height:	29,855	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	24	km/h
Wind Direction:	N	
Temperature:	-10.6	°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	101.2 dB
Edwards:	48.6 LAeq	97.8 dB
Fred:	44.8 LAeq	105.6 dB
Hollinger Office:	55.0 LAeq	109.8 dB
Noah:	60.8 LAeq	102.8 dB
Sandy:	39.6 LAeq	106.7 dB
Water Tower:	47.2 LAeq	111.5 dB
Wilson:	48.6 LAeq	106.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.4	3.5	3.7	5.2
Edwards:	1.5	2.0	4.5	5.8
Hollinger Office:	2.4	3.0	6.3	12.5
Sandy:	28.9	166.4	28.1	140.3

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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:	0.2	0.4
Edwards:	2.3	3.2
Hollinger Office:	3.6	4.9
Sandy:	7.9	17.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

