

Hollinger Public Blast Report

Blast Pattern: 3286_071B
Date: 8-May-23
Blast Time: 11:34
Blast Sign Activation: 7:28
Website Notification Time: 7:23

Blast Conditions

Ceiling Height:	29,855	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	50%	Partially Cloudy
Wind Speed:	13	km/h
Wind Direction:	N	
Temperature:	7.3	°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:	55.2 LAeq	105.0 dB
Edwards:	44.4 LAeq	94.4 dB
Fred:	43.4 LAeq	100.7 dB
Hollinger Office:	54.5 LAeq	106.9 dB
Noah:	60.5 LAeq	100.1 dB
Sandy:	43.7 LAeq	99.2 dB
Water Tower:	LAeq	dB
Wilson:	44.9 LAeq	97.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.1	9.2	6.4	8.0
Edwards:			0.0	
Hollinger Office:	17.5	27.0	19.4	30.9
Sandy:	6.8	14.3	7.0	17.2

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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:	0.0	0.0
Edwards:	0.0	0.0
Hollinger Office:	0.7	1.6
Sandy:	4.0	11.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

