

Hollinger Public Blast Report

Blast Pattern: 3268_055
Date: 7-Jul-23
Blast Time: 11:39
Blast Sign Activation: 7:30
Website Notification Time: 7:20

Blast Conditions

Ceiling Height:	2,625	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	75%	Cloudy
Wind Speed:	6	km/h
Wind Direction:	NW	
Temperature:	20.7	°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:	55.8 LAeq	105.0 dB
Edwards:	49.2 LAeq	96.1 dB
Fred:	43.3 LAeq	90.8 dB
Hollinger Office:	55.0 LAeq	109.1 dB
Noah:	60.5 LAeq	103.7 dB
Sandy:	45.7 Laeq	106.9 dB
Water Tower:	46.3 LAeq	108.4 dB
Wilson:	46.7 LAeq	98.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	31.0	33.3	3.0	5.2
Edwards:	29.7	33.9	42.2	51.9
Hollinger Office:	14.9	15.9	76.2	79.9
Sandy:	16.1	18.2	28.2	33.2

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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:	2.2	3.3
Edwards:	7.6	32.0
Hollinger Office:	3.3	6.6
Sandy:	1.1	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.1	0.4	0.9
Edwards:	0.2	0.1	0.3
Hollinger Office:	1.0	0.7	0.7
Hollinger West:	0.4	0.2	0.3
Imerys:	1.2	0.4	0.8
Noah:	1.1	0.5	1.3
Moneta Pumping Station	0.8	0.3	1.1
Sandy:	0.1	0.3	0.8
Water Tower:	0.5	0.2	0.6
Wilson:	2.0	0.8	1.6

