

Hollinger Public Blast Report

Blast Pattern: 3238_060A
Date: 27-Nov-24
Blast Time: 13:38
Blast Sign Activation: -
Website Notification Time: -

Blast Conditions

Ceiling Height:	1,640	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	75%	Cloudy
Wind Speed:	19	km/h
Wind Direction:	W	
Temperature:	-4.2	°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:	53.2 LAeq	109.4 dB
Edwards:	49.1 LAeq	111.0 dB
Fred:	40.9 LAeq	103.5 dB
Hollinger Office:	54.2 LAeq	115.7 dB
Sandy:	46.0 LAeq	108.2 dB
Water Tower:	50.0 LAeq	110.6 dB
Wilson:	47.7 LAeq	110.6 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	0.7	0.8	1.4	1.6
Edwards:	1.8	1.8	3.8	4.1
Hollinger Office:	0.9	1.4	2.5	3.9
Sandy:	1.8	1.8	1.6	2.6

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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	0.5
Edwards:	2.2	2.9
Hollinger Office:	10.0	13.6
Sandy:	1.3	1.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.9
Edwards:	0.2	0.1	0.2
Hollinger Office:	1.4	0.3	0.8
Hollinger West:	0.2	0.1	0.5
Imerys:	0.5	0.3	0.5
Moneta Pumping Station	0.4	0.2	0.3
Sandy:	0.6	0.3	0.4
Water Tower:	0.3	0.2	0.4
Wilson:	0.5	0.3	0.4

