

Hollinger Public Blast Report

Blast Pattern: 3256-064
Date: 4-Nov-23
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	29,855	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	100%	Overcast
Wind Speed:	14	km/h
Wind Direction:	SW	
Temperature:	-1.3	°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:	55.7 LAeq	107.0 dB
Edwards:	48.2 LAeq	102.2 dB
Fred:	42.1 LAeq	102.7 dB
Hollinger Office:	53.6 LAeq	108.9 dB
Noah:	59.7 LAeq	101.5 dB
Sandy:	45.2 LAeq	102.1 dB
Water Tower:	45.9 LAeq	112.9 dB
Wilson:	45.3 LAeq	99.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.1	2.8	4.1	4.6
Edwards:	3.2	3.6	8.2	11.8
Hollinger Office:	5.4	9.0	8.5	14.4
Sandy:	1.1	1.4	2.8	6.9

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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:	1.2	2.5
Edwards:	5.9	11.9
Hollinger Office:	4.8	8.9
Sandy:	4.1	4.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.7	0.4	0.8
Hollinger West:	0.6	0.1	0.6
Imerys:	0.5	0.4	0.4
Noah:	0.7	0.5	0.8
Moneta Pumping Station	0.7	0.5	1.0
Sandy:	0.0	1.0	0.9
Water Tower:	0.4	0.3	0.5
Wilson:	0.8	0.4	1.0

