

Hollinger Public Blast Report

Blast Pattern: 3310_037
Date: 1-Oct-20
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1640 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 20 km/hr
Wind Direction: N
Temperature: 4 °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:	59.1 LAeq	107.4 dB
Edwards:	53.0 LAeq	102.9 dB
Fred:	48.8 LAeq	106.4 dB
Hollinger Office:	59.1 LAeq	108.6 dB
Noah:	62.9 LAeq	108.5 dB
Sandy:	51.7 LAeq	115.5 dB
Water Tower:	53.2 LAeq	115.7 dB
Wilson:	50.9 LAeq	115.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:			0.0	0.0
Edwards:	4.0	4.3	5.5	7.9
Hollinger Office:	1.6	4.5	7.6	18.8
Sandy:	3.5	4.4	3.2	4.0

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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	0.1
Edwards:	2.4	4.9
Hollinger Office:	2.2	4.5
Sandy:	2.9	5.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.2	0.4
Hollinger West:	1.0	0.4	1.0
Imerys:	0.8	0.6	0.8
Noah:	0.5	0.4	0.6
Moneta Pumping Station:	1.0	0.9	1.0
Sandy:	4.1	2.1	3.2
Water Tower:	1.1	0.8	2.0
Wilson:	1.9	1.5	1.6