

Hollinger Public Blast Report

Blast Pattern: 3310_036
Date: 2-Oct-20
Blast Time: 15:59
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 984 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: N
Temperature: 5.4 °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:	58.7 LAeq	99.6 dB
Edwards:	49.5 LAeq	97.8 dB
Fred:	46.6 LAeq	101.8 dB
Hollinger Office:	57.9 LAeq	102.5 dB
Noah:	63.8 LAeq	100.3 dB
Sandy:	47.2 LAeq	109.0 dB
Water Tower:	51.1 LAeq	112.4 dB
Wilson:	49.2 LAeq	103.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:			0.0	0.0
Edwards:	2.0	2.5	6.4	8.0
Hollinger Office:	10.9	13.8	12.6	16.4
Sandy:	2.3	4.5	2.5	5.5

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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:	0.9	1.3
Hollinger Office:	3.6	5.5
Sandy:	5.5	13.8

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	0.0	0.1
Hollinger Office:	0.8	0.4	0.5
Hollinger West:	1.1	0.3	1.1
Imerys:	1.6	1.4	1.8
Noah:	1.3	1.2	1.5
Moneta Pumping Station:	0.6	0.6	0.6
Sandy:	1.5	0.9	1.1
Water Tower:	2.7	1.2	4.9
Wilson:	1.2	2.1	2.2