

Hollinger Public Blast Report

Blast Pattern: 3334_122
Date: 12-Mar-20
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 656 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 13 km/hr
Wind Direction: SE
Temperature: -0.4 °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:	51.9 LAeq	104.6 dB
Edwards:	47.0 LAeq	105.4 dB
Fred:	52.5 LAeq	101.6 dB
Hollinger Office:	52.9 LAeq	111.6 dB
Noah:	59.4 LAeq	101.8 dB
Sandy:	45.2 LAeq	96.5 dB
Water Tower:	50.0 LAeq	111.1 dB
Wilson:	49.4 LAeq	101.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.1	12.2	9.9	10.9
Edwards:	4.8	5.0	14.8	16.1
Hollinger Office:	10.8	18.5	19.0	57.9
Sandy:	8.3	9.0	12.0	12.9

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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:	1.4	3.3
Edwards:	1.1	1.8
Hollinger Office:	33.9	232.1
Sandy:	5.1	7.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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