

Hollinger Public Blast Report

Blast Pattern: 3328_078
Date: 11-Feb-20
Blast Time: 11:34
Blast Sign Activation: 7:40
Website Notification Time: 7:31

Blast Conditions

Ceiling Height: 1640 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 9 km/hr
Wind Direction: SW
Temperature: -2.8 °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:	52.4 LAeq	111.1 dB
Edwards:	51.7 LAeq	98.9 dB
Fred:	48.1 LAeq	100.1 dB
Hollinger Office:	57.7 LAeq	110.1 dB
Noah:	61.0 LAeq	101.7 dB
Sandy:	43.3 LAeq	101.4 dB
Water Tower:	48.4 LAeq	110.6 dB
Wilson:	49.5 LAeq	101.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.2	9.8	7.7	8.5
Edwards:	6.2	7.5	14.1	17.3
Hollinger Office:	39.5	79.8	77.9	164.3
Sandy:	5.3	5.7	10.5	12.2

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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:	1.3	1.9
Edwards:	3.6	6.3
Hollinger Office:	12.2	16.7
Sandy:	2.2	2.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.4	0.3	0.5
Hollinger West:	0.2	0.1	0.2
Imerys:	0.6	0.4	0.8
Noah:	0.8	1.0	1.5
Moneta Pumping Station:	0.6	0.2	0.4
Sandy:	0.7	0.3	0.5
Water Tower:	0.4	0.3	0.3
Wilson:	0.9	0.5	0.9