

Hollinger Public Blast Report

Blast Pattern: 3322_023
Date: 30-Jan-20
Blast Time: 11:40
Blast Sign Activation: 1:35
Website Notification Time: 7:26

Blast Conditions

Ceiling Height: 328 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: SE
Temperature: -10.4 °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:	47.9 LAeq	101.4 dB
Edwards:	41.0 LAeq	98.7 dB
Fred:	40.2 LAeq	92.5 dB
Hollinger Office:	50.8 LAeq	107.8 dB
Noah:	56.7 LAeq	103.6 dB
Sandy:	40.9 LAeq	103.1 dB
Water Tower:	45.6 LAeq	118.5 dB
Wilson:	49.1 LAeq	103.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.7	6.6	4.3	5.7
Edwards:	1.8	2.0	7.6	9.1
Hollinger Office:	9.1	22.2	10.9	36.1
Sandy:	4.4	7.4	7.7	13.4

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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:	5.3	11.2
Edwards:	4.7	9.0
Hollinger Office:	16.2	32.4
Sandy:	4.3	6.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.2	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.6	0.4	0.7
Imerys:	0.4	0.5	0.9
Noah:	2.1	0.8	1.7
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	0.4	0.3	0.5
Water Tower:	0.8	0.9	0.8
Wilson:	2.9	1.5	2.0