

Hollinger Public Blast Report

Blast Pattern: 3334_094
Date: 23-Jan-20
Blast Time: 11:42
Blast Sign Activation: 8:25
Website Notification Time: 8:05

Blast Conditions

Ceiling Height: 328 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 13 km/hr
Wind Direction: N
Temperature: -4.2 °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:	57.1 LAeq	102.1 dB
Edwards:	47.3 LAeq	102.6 dB
Fred:	49.4 LAeq	100.2 dB
Hollinger Office:	56.5 LAeq	103.5 dB
Noah:	61.9 LAeq	99.4 dB
Sandy:	39.4 LAeq	102.3 dB
Water Tower:	49.4 LAeq	107.6 dB
Wilson:	62.1 LAeq	111.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.3	6.9	5.5	6.0
Edwards:	5.0	5.8	11.0	13.5
Hollinger Office:			10.0	14.1
Sandy:	6.5	15.1	9.8	21.3

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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:	0.5	0.7
Edwards:	2.1	2.8
Hollinger Office:	4.8	10.0
Sandy:	9.1	18.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.8	1.1	3.3
Hollinger West:	0.2	0.1	0.3
Imerys:	1.7	1.9	1.5
Noah:	1.3	1.0	2.3
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.2	0.1	0.2
Water Tower:	0.9	0.9	0.7
Wilson:	0.4	0.4	0.5