

Hollinger Public Blast Report

Blast Pattern: 3322_088
Date: 7-Jan-21
Blast Time: 13:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1312 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 13
Wind Direction: N
Temperature: -12.2 °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:	54.3 LAeq	110.3 dB
Edwards:	46.6 LAeq	102.8 dB
Fred:	43.5 LAeq	96.4 dB
Hollinger Office:	57.9 LAeq	111.3 dB
Noah:	60.4 LAeq	103.0 dB
Sandy:	43.4 LAeq	101.3 dB
Water Tower:	49.1 LAeq	105.5 dB
Wilson:	47.0 LAeq	98.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.1	13.3	3.6	4.4
Edwards:	2.0	3.3	12.3	15.1
Hollinger Office:	2.2	2.5	9.1	12.1
Sandy:	5.0	6.3	7.8	15.8

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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:	0.3	0.5
Edwards:	2.0	3.5
Hollinger Office:	4.3	6.3
Sandy:	2.6	7.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.6	0.8
Edwards:	0.2	0.1	0.2
Hollinger Office:	1.2	1.0	1.0
Hollinger West:	0.2	0.2	0.2
Imerys:	0.5	0.4	0.7
Noah:	0.9	0.6	1.0
Moneta Pumping Station:	0.2	0.6	0.2
Sandy:	0.2	0.2	0.3
Water Tower:	0.2	0.2	0.3
Wilson:	1.8	0.5	1.1