

Hollinger Public Blast Report

Blast Pattern: 3298_0.27
Date: 10-May-21
Blast Time: 11:42
Blast Sign Activation: 7:25
Website Notification Time: 7:16

Blast Conditions

Ceiling Height: 1142 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 20
Wind Direction: N
Temperature: 0.7 °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:	58.7 LAeq	103.3 dB
Edwards:	54.2 LAeq	110.4 dB
Fred:	47.4 LAeq	109.5 dB
Hollinger Office:	58.6 LAeq	112.3 dB
Noah:	64.2 LAeq	107.0 dB
Sandy:	47.6 LAeq	109.1 dB
Water Tower:	70.8 LAeq	119.0 dB
Wilson:	52.5 LAeq	112.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.5	8.5	3.2	4.0
Edwards:	4.2	4.4	0.9	2.0
Hollinger Office:	1.5	1.5	1.3	1.9
Sandy:	8.8	10.5	8.2	10.6

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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:	0.4	0.6
Edwards:	0.7	1.0
Hollinger Office:	3.5	4.8
Sandy:	4.5	7.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.2	0.4
Hollinger West:	1.3	0.5	0.9
Imerys:	0.5	0.7	0.8
Noah:	0.6	0.5	0.3
Moneta Pumping Station:	3.1	1.7	1.8
Sandy:	4.8	3.8	6.6
Water Tower:	0.7	0.7	1.1
Wilson:	1.7	1.2	1.7