

Hollinger Public Blast Report

Blast Pattern: 3274_009
Date: 9-Feb-22
Blast Time: 11:37
Blast Sign Activation: 6:45
Website Notification Time: 6:38

Blast Conditions

Ceiling Height: 2,625 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 100% Overcast Snow
 Wind Speed: 19
 Wind Direction: SE
 Temperature: -4.4 °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:	52.2 LAeq	97.4 dB
Edwards:	47.1 LAeq	103.6 dB
Fred:	42.9 LAeq	104.6 dB
Hollinger Office:	53.3 LAeq	114.7 dB
Noah:	59.4 LAeq	107.5 dB
Sandy:	75.1 LAeq	147.6 dB
Water Tower:	44.8 LAeq	109.7 dB
Wilson:	53.2 LAeq	108.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	20.7	22.8	14.4	16.0
Edwards:	14.3	16.2	28.9	32.8
Hollinger Office:	18.6	20.9	36.6	44.8
Sandy:	10.1	11.4	21.8	24.0

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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:	1.5	2.8
Edwards:	0.8	1.2
Hollinger Office:	10.2	12.9
Sandy:	2.5	2.8

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:	0.1	0.0	0.1
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	0.0	0.0	0.0
Imerys:	0.5	0.5	0.4
Noah:	1.2	1.2	0.7
Moneta Pumping Station:	0.7	0.4	0.4
Sandy:	1.4	1.0	1.2
Water Tower:	0.7	1.0	1.0
Wilson:	2.1	1.5	2.2