

Hollinger Public Blast Report

Blast Pattern: 3274_008
Date: 14-Feb-22
Blast Time: 11:33
Blast Sign Activation: 7:34
Website Notification Time: 7:28

Blast Conditions

Ceiling Height: 1,969 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 9
Wind Direction: S
Temperature: -17.9 °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:	47.2 LAeq	95.4 dB
Edwards:	49.0 LAeq	104.7 dB
Fred:	42.8 LAeq	97.7 dB
Hollinger Office:	50.8 LAeq	99.2 dB
Noah:	54.5 LAeq	100.4 dB
Sandy:	41.5 LAeq	102.8 dB
Water Tower:	42.7 LAeq	108.6 dB
Wilson:	50.6 LAeq	103.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.4	5.8	3.3	4.1
Edwards:	4.6	6.7	10.0	12.4
Hollinger Office:	10.5	17.1	18.8	47.7
Sandy:	2.7	4.6	7.7	10.0

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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:	0.9	1.6
Edwards:	4.0	8.0
Hollinger Office:	20.2	52.3
Sandy:	2.7	3.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.5	0.3	0.4
Hollinger West:	0.0	0.0	0.0
Imerys:	0.0	0.0	0.0
Noah:	1.4	1.1	1.0
Moneta Pumping Station:	0.5	0.4	0.4
Sandy:	1.0	1.0	2.1
Water Tower:	1.2	1.4	1.0
Wilson:	1.5	2.1	2.4