

Hollinger Public Blast Report

Blast Pattern: 3310_083
Date: 2-Dec-21
Blast Time: 13:36:00 AM
Blast Sign Activation: 7:40
Website Notification Time: 7:10

Blast Conditions

Ceiling Height: 1,336 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 100% Overcast Snow
 Wind Speed: 28
 Wind Direction: NW
 Temperature: -5.5 °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:	55.6 LAeq	116.3 dB
Edwards:	50.6 LAeq	106.6 dB
Fred:	51.3 LAeq	115.1 dB
Hollinger Office:	57.2 LAeq	117.7 dB
Noah:	58.9 LAeq	116.3 dB
Sandy:	47.6 LAeq	111.9 dB
Water Tower:	57.7 LAeq	122.6 dB
Wilson:	52.4 LAeq	113.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.4	7.6	3.8	4.8
Edwards:	5.2	7.4	6.8	8.4
Hollinger Office:	39.0	50.6	6.5	7.5
Sandy:	2.6	3.9	5.6	8.9

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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	1.3
Edwards:	16.5	17.1
Hollinger Office:	8.0	8.7
Sandy:	1.5	1.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.7	0.8
Edwards:	0.2	0.2	0.4
Hollinger Office:	1.3	0.8	1.5
Hollinger West:	0.2	0.1	0.2
Imerys:	0.9	0.4	0.7
Noah:	1.1	0.7	1.3
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.2	0.2	0.3
Water Tower:	0.3	0.2	0.3
Wilson:	1.1	0.6	1.2