

Hollinger Public Blast Report

Blast Pattern: 3304_011
Date: 1-Dec-20
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 29527 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 26 km/hr
Wind Direction: N
Temperature: -8.5 °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:	58.1 LAeq	108.3 dB
Edwards:	52.9 LAeq	112.1 dB
Fred:	55.6 LAeq	121.7 dB
Hollinger Office:	58.7 LAeq	117.1 dB
Noah:	62.1 LAeq	112.2 dB
Sandy:	51.9 LAeq	118.2 dB
Water Tower:	55.5 LAeq	118.5 dB
Wilson:	55.9 LAeq	118.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.3	10.7	2.5	4.8
Edwards:	2.4	3.0	35.4	36.0
Hollinger Office:	2.3	3.1	5.5	7.2
Sandy:	4.7	5.9	7.1	10.4

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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	0.4
Edwards:	0.6	1.3
Hollinger Office:	2.6	5.4
Sandy:	1.8	2.7

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:	0.4	0.2	0.4
Hollinger West:	0.9	0.8	1.0
Imerys:	0.7	0.6	0.6
Noah:	0.9	0.7	0.9
Moneta Pumping Station:	1.2	0.8	1.2
Sandy:	5.9	3.2	5.9
Water Tower:	1.3	0.9	1.6
Wilson:	1.7	2.1	2.6