

Hollinger Public Blast Report

Blast Pattern: 3322_077, 3322_078
Date: 24-Dec-20
Blast Time: 11:37
Blast Sign Activation: 7:10
Website Notification Time: 7:00

Blast Conditions

Ceiling Height: 656 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11
Wind Direction: S
Temperature: 2.9 °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:	56.8 LAeq	117.4 dB
Edwards:	51.9 LAeq	120.1 dB
Fred:	48.7 LAeq	111.3 dB
Hollinger Office:	59.7 LAeq	118.0 dB
Noah:	59.9 LAeq	113.9 dB
Sandy:	52.7 LAeq	114.2 dB
Water Tower:	62.0 LAeq	120.8 dB
Wilson:	52.7 LAeq	114.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.3	6.2	5.6	6.3
Edwards:	3.9	6.0	8.3	12.6
Hollinger Office:	6.1	10.7	11.0	23.8
Sandy:	7.0	23.8	9.6	35.4

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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:	1.7	3.0
Edwards:	1.8	6.0
Hollinger Office:	3.5	5.5
Sandy:	3.0	5.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.7	1.1	1.0
Edwards:	0.3	0.4	0.4
Hollinger Office:	1.5	1.0	2.6
Hollinger West:	0.5	0.2	0.2
Imerys:	1.0	0.6	2.0
Noah:	3.5	0.9	2.0
Moneta Pumping Station:	0.4	0.2	0.3
Sandy:	0.6	0.3	0.8
Water Tower:	0.6	0.3	1.1
Wilson:	2.4	1.1	4.6