

Hollinger Public Blast Report

Blast Pattern: 3328_077
Date: 5-Apr-20
Blast Time: 11:40
Blast Sign Activation: 7:26
Website Notification Time: 7:18

Blast Conditions

Ceiling Height: 2952 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 19 km/hr
Wind Direction: W
Temperature: 2.8 °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:	50.8 LAeq	106.2 dB
Edwards:	48.0 LAeq	99.2 dB
Fred:	40.2 LAeq	101.7 dB
Hollinger Office:	51.9 LAeq	106.9 dB
Noah:	58.2 LAeq	103.7 dB
Sandy:	41.0 LAeq	100.7 dB
Water Tower:	44.6 LAeq	108.4 dB
Wilson:	43.7 LAeq	104.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.4	9.0	8.2	9.5
Edwards:	2.3	3.3	12.2	15.9
Hollinger Office:	6.7	8.0	17.2	22.2
Sandy:	4.8	6.5	10.2	14.7

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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:	1.6	2.7
Hollinger Office:	1.1	1.4
Sandy:	3.5	8.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.7	0.2	1.0
Hollinger West:	0.4	0.1	0.4
Imerys:	0.4	0.4	0.4
Noah:	0.7	0.3	0.6
Moneta Pumping Station:	0.5	0.3	0.5
Sandy:	0.4	0.2	0.6
Water Tower:	0.2	0.2	0.2
Wilson:	0.6	0.3	0.7