

Hollinger Public Blast Report

Blast Pattern: 3328_096
Date: 2-Jul-20
Blast Time: 15:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1969 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 6 km/hr
Wind Direction: NW
Temperature: 26.1 °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:	56.6 LAeq	109.4 dB
Edwards:	54.6 LAeq	100.5 dB
Fred:	46.4 LAeq	95.8 dB
Hollinger Office:	56.6 LAeq	113.4 dB
Noah:	61.2 LAeq	103.0 dB
Sandy:	48.3 LAeq	104.8 dB
Water Tower:	48.9 LAeq	105.7 dB
Wilson:	52.5 LAeq	103.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	25.7	26.6	60.6	67.0
Edwards:	11.3	12.6	39.4	43.4
Hollinger Office:	15.0	15.8	47.0	50.3
Sandy:	12.7	14.4	32.5	35.9

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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:	0.1	0.2
Edwards:	1.2	2.1
Hollinger Office:	2.5	7.6
Sandy:	3.5	6.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.0	0.0	0.1
Hollinger Office:	2.8	1.9	5.1
Hollinger West:	0.5	0.2	0.5
Imerys:	2.1	3.4	1.9
Noah:	1.0	1.1	0.9
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.2	0.1	0.1
Water Tower:	2.7	1.3	2.2
Wilson:	0.4	0.4	0.6