

Hollinger Public Blast Report

Blast Pattern: 3304_068
Date: 14-Jul-22
Blast Time: 15:31
Blast Sign Activation: 7:24
Website Notification Time: 7:18

Blast Conditions

Ceiling Height: 7,217 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 13
Wind Direction: NW
Temperature: 22.6 °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	104.4 dB
Edwards:	47.9 LAeq	97.3 dB
Fred:	44.6 LAeq	99.5 dB
Hollinger Office:	71.8 LAeq	111.1 dB
Noah:	61.4 LAeq	105.8 dB
Sandy:	44.0 LAeq	101.0 dB
Water Tower:	54.3 LAeq	108.5 dB
Wilson:	47.6 LAeq	102.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.3	4.6	5.8	7.3
Edwards:	2.1	2.5	6.5	7.6
Hollinger Office:	4.2	6.0	7.8	11.2
Sandy:	4.4	6.5	4.3	11.5

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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:	0.0	0.0
Edwards:	0.0	0.0
Hollinger Office:	1.1	1.7
Sandy:	2.5	9.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.4	0.9
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.9	0.5	0.8
Hollinger West:	0.3	0.2	0.3
Imerys:	0.8	0.4	0.9
Noah:	0.9	0.5	0.6
Moneta Pumping Station:	0.7	0.3	0.9
Sandy:	0.5	0.3	0.7
Water Tower:	0.4	0.3	0.4
Wilson:	1.2	1.2	1.1

