

Hollinger Public Blast Report

Blast Pattern: 3238-202PS/3244-200PS
Date: 29-Jul-22
Blast Time: 15:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1,968 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast rain
Wind Speed: 17
Wind Direction: W
Temperature: 17.8 °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:	58.9 LAeq	107.4 dB
Edwards:	52.6 LAeq	104.4 dB
Fred:	48.4 LAeq	106.6 dB
Hollinger Office:	57.6 LAeq	108.5 dB
Noah:	62.7 LAeq	108.2 dB
Sandy:	49.6 LAeq	108.5 dB
Water Tower:	49.6 LAeq	112.4 dB
Wilson:	49.1 LAeq	113.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.2	7.6	9.8	11.2
Edwards:	1.8	2.3	6.1	7.2
Hollinger Office:	2.4	3.0	10.3	12.2
Sandy:	1.3	2.6	7.2	10.1

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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	0.9
Edwards:	0.1	0.7
Hollinger Office:	1.1	1.5
Sandy:	0.6	1.9

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:	0.0	0.0	0.1
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	0.8	0.5	0.6
Imerys:	1.5	0.8	1.0
Noah:	0.8	0.4	0.6
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	1.8	0.8	0.8
Water Tower:	1.8	1.9	3.4
Wilson:	1.3	1.0	0.9

