

Hollinger Public Blast Report

Blast Pattern: 3292_216 P/S
Date: 14-Sep-22
Blast Time: 15:34:00 PM
Blast Sign Activation: 12:00
Website Notification Time: 12:00

Blast Conditions

Ceiling Height: 3,280 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 17 km/hr
Wind Direction: N
Temperature: 12.0 °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:	58.6 LAeq	106.1 dB
Edwards:	54.7 LAeq	101.0 dB
Fred:	46.7 LAeq	105.3 dB
Hollinger Office:	56.0 LAeq	107.5 dB
Noah:	62.4 LAeq	104.8 dB
Sandy:	48.4 LAeq	106.5 dB
Water Tower:	57.2 LAeq	114.4 dB
Wilson:	51.8 LAeq	108.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.8	5.4	2.7	6.0
Edwards:	3.7	4.3	3.1	4.5
Hollinger Office:	7.2	8.6	5.7	8.9
Sandy:	1.6	3.3	3.2	7.1

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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:	0.0	0.1
Edwards:	0.1	0.5
Hollinger Office:	2.0	3.5
Sandy:	0.6	2.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.7	1.5
Edwards:	0.2	0.1	0.3
Hollinger Office:	0.6	0.4	0.5
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.2	0.3
Noah:	0.6	0.5	0.7
Moneta Pumping Station:	0.1	0.2	0.1
Sandy:	7.2	0.2	2.6
Water Tower:	0.2	0.1	0.2
Wilson:	1.1	0.2	0.8

