

Hollinger Public Blast Report

Blast Pattern: 3292-222 P/S
Date: 7-Sep-22
Blast Time: 15:35
Blast Sign Activation: 13:25:00 PM
Website Notification Time: 13:27:00 PM

Blast Conditions

Ceiling Height: 8,858 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7
Wind Direction: SW
Temperature: 23.2 °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:	57.1 LAeq	103.3 dB
Edwards:	49.3 LAeq	96.8 dB
Fred:	46.5 LAeq	96.1 dB
Hollinger Office:	58.9 LAeq	109.5 dB
Noah:	61.3 LAeq	100.2 dB
Sandy:	45.0 LAeq	101.6 dB
Water Tower:	46.7 LAeq	110.0 dB
Wilson:	48.6 LAeq	102.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.3	13.1	8.1	9.2
Edwards:	9.9	10.4	25.2	27.3
Hollinger Office:	17.1	29.2	24.7	51.4
Sandy:	17.0	18.9	14.1	16.2

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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:	0.2	0.5
Edwards:	0.1	0.3
Hollinger Office:	0.0	0.1
Sandy:	0.6	0.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.7	0.8	1.7
Edwards:	0.3	0.3	1.0
Hollinger Office:	0.8	0.5	1.6
Hollinger West:	0.4	0.5	0.2
Imerys:	0.9	0.5	0.6
Noah:	0.7	0.5	1.0
Moneta Pumping Station:	0.4	0.4	0.4
Sandy:	5.1	0.8	1.8
Water Tower:	0.8	0.5	0.7
Wilson:	3.3	1.2	2.6

