

Hollinger Public Blast Report

Blast Pattern: 3274_071 WS
Date: 14-Jul-23
Blast Time: 15:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9,842 ft
Boundary Layer Height: N/A m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 22 km/h
Wind Direction: S
Temperature: 24.9 °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:	55.1 LAeq	109.4 dB
Edwards:	50.0 LAeq	106.5 dB
Fred:	44.9 LAeq	102.7 dB
Hollinger Office:	55.8 LAeq	118.1 dB
Noah:	60.1 LAeq	109.8 dB
Sandy:	49.5 LAeq	105.8 dB
Water Tower:	54.7 LAeq	116.6 dB
Wilson:	50.5 LAeq	110.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	20.3	53.8	3.2	6.7
Edwards:	7.6	13.7	20.9	66.0
Hollinger Office:	21.7	51.1	56.1	110.0
Sandy:	20.4	35.7	13.6	25.1

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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:	0.8	2.3
Edwards:	1.0	1.9
Hollinger Office:	2.4	3.5
Sandy:	0.8	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.2
Edwards:	0.1	0.0	0.1
Hollinger Office:	3.4	1.2	2.7
Hollinger West:	0.3	0.1	0.2
Imerys:	0.7	0.5	1.0
Noah:	0.8	0.5	0.7
Moneta Pumping Station	0.2	0.1	0.2
Sandy:	0.7	0.1	0.2
Water Tower:	0.3	0.3	0.4
Wilson:	0.5	0.4	0.6

