

Hollinger Public Blast Report

Blast Pattern: 3280-086/085ws
Date: 21-Jun-23
Blast Time: 15:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 22,965 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 11 km/h
Wind Direction: S
Temperature: 30.7 °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:	55.6 LAeq	105.3 dB
Edwards:	46.7 LAeq	106.8 dB
Fred:	46.0 LAeq	100.4 dB
Hollinger Office:	54.6 LAeq	105.5 dB
Noah:	68.7 LAeq	111 dB
Sandy:	46.0 LAeq	96.8 dB
Water Tower:	47.2 LAeq	106.8 dB
Wilson:	47.1 LAeq	100.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	67.5	69.4	71.2	77.3
Edwards:	57.5	60.7	109.3	115.7
Hollinger Office:	60.2	88.1	0.0	0.0
Sandy:	46.6	49.8	83.8	93.3

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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:	1.4	2.1
Hollinger Office:	0.0	0.0
Sandy:	0.0	0.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	3.5	0.9	2.5
Hollinger West:	0.3	0.1	0.3
Imerys:	1.4	0.8	1.1
Noah:	0.9	0.7	1.4
Moneta Pumping Station	0.3	0.1	0.3
Sandy:	0.3	0.1	0.3
Water Tower:	1.0	0.7	1.5
Wilson:	0.8	0.5	0.7

