

Hollinger Public Blast Report

Blast Pattern: 3316_102
Date: 27-Aug-21
Blast Time: 15:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 24,934 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 19
Wind Direction: E
Temperature: 18.8 °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:	57.4 LAeq	109.6 dB
Edwards:	49.3 LAeq	105.7 dB
Fred:	45.2 LAeq	97.0 dB
Hollinger Office:	58.8 LAeq	111.0 dB
Noah:	60.1 LAeq	103.1 dB
Sandy:	46.1 LAeq	102.3 dB
Water Tower:	53.3 LAeq	107.0 dB
Wilson:	50.6 LAeq	101.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.3	8.6	0.0	0.0
Edwards:	5.3	6.2	10.1	12.5
Hollinger Office:	15.2	22.8	18.7	63.0
Sandy:	12.9	67.4	25.0	123.6

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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	0.4
Edwards:	0.3	0.9
Hollinger Office:	0.8	1.4
Sandy:	2.0	9.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.6	1.4	2.9
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.4	0.3	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.4
Noah:	0.4	0.3	0.4
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.1	0.1	0.2
Water Tower:	0.2	0.1	0.2
Wilson:	0.6	0.4	0.7