

Hollinger Public Blast Report



Blast Pattern: 3313_082
Date: 2-Jul-21
Blast Time: 11:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 20,013 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 17
Wind Direction: NW
Temperature: 18 °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:	56.1 LAeq	108.7 dB
Edwards:	49.8 LAeq	96.7 dB
Fred:	46.5 LAeq	97.6 dB
Hollinger Office:	56.3 LAeq	109.2 dB
Noah:	60.6 LAeq	99.4 dB
Sandy:	46.7 LAeq	104.3 dB
Water Tower:	48.7 LAeq	107.1 dB
Wilson:	54.4 LAeq	103.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.0	4.4	1.3	1.8
Edwards:	1.7	2.0	3.4	5.2
Hollinger Office:	5.5	6.6	8.6	12.8
Sandy:	3.4	6.0	3.3	9.2

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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	0.3
Edwards:	0.2	0.5
Hollinger Office:	0.5	1.5
Sandy:	3.0	6.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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