

Hollinger Public Blast Report

Blast Pattern: 3298_082/086B
Date: 10-Dec-22
Blast Time: 11:55
Blast Sign Activation: 7:50
Website Notification Time: 7:44

Blast Conditions

Ceiling Height: 29,855 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 17
Wind Direction: SE
Temperature: -15.6 °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:	53.4 LAeq	104.4 dB
Edwards:	44.2 LAeq	99.9 dB
Fred:	39.1 LAeq	94.6 dB
Hollinger Office:	53.1 LAeq	107.6 dB
Noah:	56.7 LAeq	100.6 dB
Sandy:	41.6 LAeq	105.9 dB
Water Tower:	43.7 LAeq	97.4 dB
Wilson:	48.0 LAeq	100.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.2	14.2	4.1	5.1
Edwards:	1.9	2.2	4.8	6.9
Hollinger Office:	8.7	9.6	2.1	3.1
Sandy:	2.4	3.1	6.1	7.2

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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:	1.9	2.2
Edwards:	3.3	4.3
Hollinger Office:	2.3	3.1
Sandy:	2.5	9.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	3.1	1.2	1.8
Hollinger West:	0.2	0.1	0.1
Imerys:	1.0	1.0	1.3
Noah:	1.0	0.7	1.3
Moneta Pumping Station	0.2	0.1	0.1
Sandy:	0.2	0.1	0.2
Water Tower:	0.3	0.3	0.4
Wilson:	0.6	0.3	0.5

