

Hollinger Public Blast Report

Blast Pattern: 3304_001
Date: 26-Jan-21
Blast Time: 11:33
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3280 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 7
Wind Direction: NE
Temperature: -16.8 °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:	51.3 LAeq	94.0 dB
Edwards:	42.4 LAeq	84.8 dB
Fred:	39.9 LAeq	86.5 dB
Hollinger Office:	55.3 LAeq	97.3 dB
Noah:	58.9 LAeq	105.2 dB
Sandy:	41.8 LAeq	98.2 dB
Water Tower:	46.1 LAeq	104.0 dB
Wilson:	51.2 LAeq	98.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.9	11.2	0.7	1.1
Edwards:	0.4	2.4	5.6	7.5
Hollinger Office:	1.7	1.8	5.2	6.3
Sandy:	3.2	7.3	5.6	11.9

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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:	1.0	1.1
Edwards:	1.7	2.3
Hollinger Office:	7.7	10.9
Sandy:	7.4	14.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.0
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.0	0.0	0.0
Hollinger West:	0.1	0.1	0.1
Imerys:	0.0	0.1	0.1
Noah:	0.2	0.5	0.2
Moneta Pumping Station:	0.2	0.7	0.1
Sandy:	0.9	0.6	0.8
Water Tower:	0.1	0.1	0.1
Wilson:	0.3	0.2	0.4