

Hollinger Public Blast Report

Blast Pattern: 3310_096
Date: 28-Mar-22
Blast Time: 11:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 29,856 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 25% Scattered Clouds
 Wind Speed: 20
 Wind Direction: W
 Temperature: -12.7 °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:	56.0 LAeq	108.3 dB
Edwards:	47.6 LAeq	108.8 dB
Fred:	46.8 LAeq	105.6 dB
Hollinger Office:	54.6 LAeq	106.9 dB
Noah:	58.3 LAeq	106.0 dB
Sandy:	54.7 LAeq	110.7 dB
Water Tower:	45.0 LAeq	112.8 dB
Wilson:	51.2 LAeq	110.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.2	5.4	4.4	5.1
Edwards:	2.0	2.3	11.2	12.2
Hollinger Office:	6.3	6.9	8.2	9.3
Sandy:	3.4	3.8	7.3	8.2

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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	0.4
Edwards:	0.6	0.9
Hollinger Office:	3.8	4.5
Sandy:	1.2	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.0	1.7	1.8
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.1	0.1
Noah:	0.3	0.6	0.4
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.1	0.1	0.1
Wilson:	0.5	0.2	0.7

