

Hollinger Public Blast Report

Blast Pattern: 3298_012
Date: 20-Mar-21
Blast Time: 11:32
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 29856 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 13
Wind Direction: SW
Temperature: 8.7 °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:	55.2 LAeq	108.8 dB
Edwards:	50.4 LAeq	105.6 dB
Fred:	45.7 LAeq	112.2 dB
Hollinger Office:	53.8 LAeq	102.6 dB
Noah:	59.1 LAeq	104.2 dB
Sandy:	46.0 LAeq	107.4 dB
Water Tower:	48.9 LAeq	112.6 dB
Wilson:	46.3 LAeq	107.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.1	15.0	9.8	13.9
Edwards:	17.3	23.3	16.4	23.6
Hollinger Office:	27.0	31.0	35.5	45.9
Sandy:	6.1	7.1	12.1	15.3

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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:	1.6	5.2
Edwards:	1.1	4.0
Hollinger Office:	10.3	13.0
Sandy:	1.3	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.3	0.2
Hollinger West:	0.6	0.5	0.5
Imerys:	0.3	0.4	0.8
Noah:	0.5	0.4	0.6
Moneta Pumping Station:	0.6	0.5	0.5
Sandy:	2.9	1.3	2.6
Water Tower:	0.5	0.6	0.6
Wilson:	1.5	1.4	1.6