

Hollinger Public Blast Report

Blast Pattern: 3274_001
Date: 3-Feb-22
Blast Time: 11:33
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 32,808 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 11
Wind Direction: W
Temperature: -22.4 °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:	51.1 LAeq	99.8 dB
Edwards:	43.6 LAeq	88.6 dB
Fred:	39.2 LAeq	94.3 dB
Hollinger Office:	56.3 LAeq	100.1 dB
Noah:	57.7 LAeq	103.2 dB
Sandy:	39.8 LAeq	84.9 dB
Water Tower:	41.6 LAeq	101.3 dB
Wilson:	51.7 LAeq	106.4 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.4	10.0	7.1	8.0
Edwards:	7.1	8.1	19.5	24.9
Hollinger Office:	6.3	6.9	17.4	20.1
Sandy:	4.8	5.8	13.3	13.9

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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:	3.2	5.0
Edwards:	2.8	5.3
Hollinger Office:	9.0	11.0
Sandy:	2.9	4.7

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	0.0	0.1
Hollinger Office:	0.3	0.3	0.3
Hollinger West:	0.0	0.0	0.0
Imerys:	0.0	0.0	0.0
Noah:	0.9	0.6	1.0
Moneta Pumping Station:	0.4	0.4	0.4
Sandy:	2.2	1.0	1.6
Water Tower:	0.6	0.8	0.6
Wilson:	1.0	0.9	1.2