

Hollinger Public Blast Report

Blast Pattern: 3274_016
Date: 10-Mar-22
Blast Time: 11:34
Blast Sign Activation: 6:55
Website Notification Time: 6:53

Blast Conditions

Ceiling Height: 12,139 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 9
Wind Direction: W
Temperature: -9.5 °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:	52.4 LAeq	114.6 dB
Edwards:	0.0 LAeq	0.0 dB
Fred:	44.6 LAeq	105.9 dB
Hollinger Office:	53.5 LAeq	109.5 dB
Noah:	57.4 LAeq	107.0 dB
Sandy:	41.7 LAeq	108.0 dB
Water Tower:	43.5 LAeq	116.0 dB
Wilson:	55.0 LAeq	109.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.8	6.7	4.4	5.2
Edwards:	5.2	8.0	12.0	16.8
Hollinger Office:	5.8	6.5	6.3	8.1
Sandy:	2.3	2.7	5.7	6.4

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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:	1.8	4.2
Edwards:	3.6	7.1
Hollinger Office:	11.8	19.3
Sandy:	1.1	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.3	0.4
Hollinger West:	0.3	0.2	0.4
Imerys:	0.8	0.3	0.3
Noah:	0.9	1.2	0.8
Moneta Pumping Station:	1.3	0.5	0.8
Sandy:	1.1	1.3	1.4
Water Tower:	0.3	0.3	0.3
Wilson:	1.6	1.1	1.2

