

Hollinger Public Blast Report

Blast Pattern: 3310_069
Date: 2-Nov-21
Blast Time: 11:36
Blast Sign Activation: 7:12
Website Notification Time: 7:05

Blast Conditions

Ceiling Height: 1,600 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 50% Partially Cloudy
 Wind Speed: 17
 Wind Direction: NW
 Temperature: -1 °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:	58.0 LAeq	109.0 dB
Edwards:	51.1 LAeq	100.1 dB
Fred:	45.6 LAeq	105.1 dB
Hollinger Office:	59.1 LAeq	109.3 dB
Noah:	62.1 LAeq	102.9 dB
Sandy:	49.0 LAeq	104.0 dB
Water Tower:	50.1 LAeq	113.6 dB
Wilson:	49.1 LAeq	102.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	0.4	1.7	0.4	1.5
Edwards:	4.0	14.2	7.5	15.6
Hollinger Office:	14.1	23.1	16.5	55.0
Sandy:	1.9	2.2	2.6	4.3

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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:	0.7	0.9
Edwards:	12.8	14.5
Hollinger Office:	25.3	32.2
Sandy:	1.3	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.5
Edwards:	0.2	0.1	0.1
Hollinger Office:	0.8	0.4	0.7
Hollinger West:	0.4	0.1	0.4
Imerys:	0.7	0.7	0.7
Noah:	0.9	0.8	0.8
Moneta Pumping Station:	0.9	0.6	0.8
Sandy:	0.0	0.0	0.0
Water Tower:	0.6	0.3	0.6
Wilson:	1.2	0.7	1.1