

Hollinger Public Blast Report

Blast Pattern: 3380_003
Date: 10-Nov-21
Blast Time: 11:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 4,265 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 50% Partially Cloudy
 Wind Speed: 22
 Wind Direction: W
 Temperature: 3.1 °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	111.2 dB
Edwards:	51.8 LAeq	105.1 dB
Fred:	46.9 LAeq	104.7 dB
Hollinger Office:	58.8 LAeq	109.7 dB
Noah:	62.0 LAeq	107.1 dB
Sandy:	46.0 LAeq	109.6 dB
Water Tower:	51.5 LAeq	120.5 dB
Wilson:	50.1 LAeq	110.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.4	9.2	8.4	10.3
Edwards:	7.5	12.3	16.6	25.8
Hollinger Office:	12.2	20.1	26.6	49.1
Sandy:	2.8	3.8	7.9	8.8

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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	1.9
Edwards:	20.5	23.2
Hollinger Office:	15.0	16.9
Sandy:	1.2	1.7

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	0.2	0.3
Hollinger West:	2.4	1.0	1.9
Imerys:	0.7	0.7	0.7
Noah:	1.3	0.6	0.6
Moneta Pumping Station:	0.7	0.5	1.0
Sandy:	2.6	1.9	3.3
Water Tower:	1.7	1.2	1.5
Wilson:	2.8	2.3	3.1