

Hollinger Public Blast Report

Blast Pattern: 3310_088
Date: 22-Dec-21
Blast Time: 13:36
Blast Sign Activation: 7:15
Website Notification Time: 7:10

Blast Conditions

Ceiling Height: 1,640 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 50% Partially Cloudy
 Wind Speed: 15
 Wind Direction: W
 Temperature: -17 °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:	52.6 LAeq	107.6 dB
Edwards:	47.1 LAeq	97.7 dB
Fred:	43.2 LAeq	103.9 dB
Hollinger Office:	54.7 LAeq	109.9 dB
Noah:	58.5 LAeq	102.6 dB
Sandy:	LAeq	dB
Water Tower:	45.8 LAeq	109.6 dB
Wilson:	49.2 LAeq	106.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.6	4.6	3.2	4.1
Edwards:	7.0	8.6	7.0	9.4
Hollinger Office:	24.4	78.5	22.8	111.4
Sandy:	0.0	0.0	5.3	5.9

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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:	0.9	1.8
Edwards:	16.0	20.3
Hollinger Office:	15.8	21.1
Sandy:	2.5	4.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.7	1.4	2.7
Edwards:	0.3	0.2	0.4
Hollinger Office:	0.7	0.5	0.6
Hollinger West:	0.2	0.2	0.2
Imerys:	0.7	0.3	0.3
Noah:	1.5	0.5	1.2
Moneta Pumping Station:	0.3	0.1	0.3
Sandy:	0.2	0.3	0.3
Water Tower:	0.2	0.4	0.3
Wilson:	0.9	0.9	1.1