

Hollinger Public Blast Report

Blast Pattern: 3304_032, 3292_213 PS
Date: 12-Feb-21
Blast Time: 13:42
Blast Sign Activation: 10:55
Website Notification Time: 11:10

Blast Conditions

Ceiling Height: 12139 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 4
Wind Direction: S
Temperature: -19.7 °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:	50.6 LAeq	103.1 dB
Edwards:	39.1 LAeq	95.3 dB
Fred:	37.2 LAeq	92.4 dB
Hollinger Office:	53.1 LAeq	105.2 dB
Noah:	59.1 LAeq	101.3 dB
Sandy:	42.3 LAeq	114.9 dB
Water Tower:	44.3 LAeq	109.8 dB
Wilson:	54.7 LAeq	105.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	19.5	21.0	5.8	8.2
Edwards:	10.3	38.9	34.3	98.9
Hollinger Office:	3.3	6.6	19.5	30.5
Sandy:	7.4	8.4	11.7	13.2

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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:	4.6	5.5
Edwards:	9.2	14.7
Hollinger Office:	5.8	10.3
Sandy:	4.7	6.1

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:	0.2	0.3	0.5
Hollinger West:	0.3	0.5	0.4
Imerys:	0.8	0.6	0.8
Noah:	0.5	0.6	0.4
Moneta Pumping Station:	0.5	0.7	0.5
Sandy:	5.2	3.3	5.8
Water Tower:	0.8	1.5	0.8
Wilson:	2.0	1.1	2.6