

Hollinger Public Blast Report

Blast Pattern: 3304_014, 3310_214PS
Date: 22-Dec-20
Blast Time: 11:32
Blast Sign Activation: 7:10
Website Notification Time: 7:20

Blast Conditions

Ceiling Height: 1000 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 11
Wind Direction: NW
Temperature: -14.2 °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:	61.5 LAeq	110.3 dB
Edwards:	49.1 LAeq	105.4 dB
Fred:	41.4 LAeq	99.0 dB
Hollinger Office:	56.5 LAeq	114.1 dB
Noah:	59.7 LAeq	109.6 dB
Sandy:	54.9 LAeq	116.7 dB
Water Tower:	45.0 LAeq	121.6 dB
Wilson:	46.8 LAeq	113.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	19.3	21.1	6.6	7.9
Edwards:	6.7	7.9	19.6	24.5
Hollinger Office:	7.3	8.6	15.4	17.8
Sandy:	9.8	10.7	11.0	12.1

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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:	2.3	2.9
Edwards:	4.8	5.6
Hollinger Office:	3.6	4.5
Sandy:	3.9	11.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.3	0.5
Edwards:	0.1	0.1	0.2
Hollinger Office:	1.4	2.3	2.4
Hollinger West:	0.4	0.6	0.4
Imerys:	3.5	2.0	2.2
Noah:	1.7	1.2	1.3
Moneta Pumping Station:	0.8	0.5	0.7
Sandy:	3.4	1.9	4.1
Water Tower:	1.3	1.0	1.1
Wilson:	2.0	1.9	2.9