

Hollinger Public Blast Report

Blast Pattern: 3322_106, 3292_210 PS
Date: 15-Jan-21
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1969 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 15
Wind Direction: SE
Temperature: -0.9 °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:	54.8 LAeq	107.6 dB
Edwards:	53.3 LAeq	106.1 dB
Fred:	50.8 LAeq	101.2 dB
Hollinger Office:	53.9 LAeq	112.4 dB
Noah:	59.0 LAeq	105.8 dB
Sandy:	48.6 LAeq	102.7 dB
Water Tower:	49.5 LAeq	110.4 dB
Wilson:	51.6 LAeq	102.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.3	15.3	7.7	9.3
Edwards:	4.5	5.2	16.4	17.9
Hollinger Office:	7.6	8.1	17.1	20.1
Sandy:	5.6	6.0	10.8	11.5

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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:	0.6	1.4
Edwards:	1.0	2.4
Hollinger Office:	7.3	16.6
Sandy:	2.1	4.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.4
Edwards:	0.1	0.1	0.2
Hollinger Office:	2.1	1.0	2.8
Hollinger West:	0.5	0.3	0.5
Imerys:	1.0	0.7	1.4
Noah:	0.7	0.6	0.6
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	2.5	1.4	2.9
Water Tower:	0.3	0.4	0.4
Wilson:	1.8	1.0	2.0