

Hollinger Public Blast Report

Blast Pattern: 3310_093
Date: 31-Jan-22
Blast Time: 11:33
Blast Sign Activation: 6:45
Website Notification Time: 6:00

Blast Conditions

Ceiling Height: 9,843 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 6
Wind Direction: SE
Temperature: -16.8 °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:	49.6 LAeq	104.3 dB
Edwards:	40.2 LAeq	93.4 dB
Fred:	38.1 LAeq	82.6 dB
Hollinger Office:	51.2 LAeq	107.1 dB
Noah:	57.1 LAeq	104.7 dB
Sandy:	LAeq	dB
Water Tower:	42.2 LAeq	95.7 dB
Wilson:	55.4 LAeq	104.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.4	7.6	5.1	7.5
Edwards:	3.5	4.3	11.6	14.5
Hollinger Office:	9.9	13.7	15.6	29.4
Sandy:	4.9	6.3	10.6	14.6

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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:	2.5	3.7
Edwards:	2.0	3.5
Hollinger Office:	9.6	19.9
Sandy:	3.0	4.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.2	1.4	1.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.5	0.6
Hollinger West:	0.0	0.0	0.0
Imerys:	0.0	0.0	0.0
Noah:	0.6	0.3	0.6
Moneta Pumping Station:	0.2	0.1	0.1
Sandy:	0.2	0.2	0.2
Water Tower:	0.2	0.1	0.2
Wilson:	1.0	0.3	1.0