

Hollinger Public Blast Report

Blast Pattern: 3310_016
Date: 18-Aug-20
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1640 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/hr
Wind Direction: NW
Temperature: 14.3 °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:	56.4 LAeq	102.3 dB
Edwards:	52.1 LAeq	93.6 dB
Fred:	47.4 LAeq	99.8 dB
Hollinger Office:	58.2 LAeq	98.8 dB
Noah:	61.7 LAeq	102.6 dB
Sandy:	47.7 LAeq	105.1 dB
Water Tower:	49.5 LAeq	108.8 dB
Wilson:	50.4 LAeq	103.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.9	12.3	7.2	7.6
Edwards:	2.4	3.1	17.4	18.7
Hollinger Office:	7.4	7.8	15.6	17.8
Sandy:	6.9	10.0	8.3	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:	2.2	6.8
Edwards:	1.7	3.0
Hollinger Office:	1.9	3.9
Sandy:	0.0	0.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	1.4	0.7	1.6
Imerys:	0.3	0.3	0.3
Noah:	0.4	0.4	0.4
Moneta Pumping Station:	0.8	0.5	0.9
Sandy:	4.6	1.7	2.9
Water Tower:	0.7	0.4	1.0
Wilson:	2.3	2.6	3.0