

Hollinger Public Blast Report

Blast Pattern: 3298_054
Date: 31-Aug-22
Blast Time: 11:39
Blast Sign Activation: 7:33
Website Notification Time: 7:24

Blast Conditions

Ceiling Height: 1,640 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 24
Wind Direction: NW
Temperature: 10.5 °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:	58.8 LAeq	111.7 dB
Edwards:	53.6 LAeq	105.6 dB
Fred:	48.2 LAeq	105.4 dB
Hollinger Office:	57.9 LAeq	115.6 dB
Noah:	61.9 LAeq	105.2 dB
Sandy:	49.0 LAeq	106.5 dB
Water Tower:	50.0 LAeq	118.0 dB
Wilson:	49.3 LAeq	105.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.7	3.1	1.0	1.5
Edwards:	15.7	16.3	12.2	14.5
Hollinger Office:	1.4	1.9	4.2	5.8
Sandy:	0.4	0.6	2.4	4.0

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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:	0.1	0.2
Edwards:	0.0	0.0
Hollinger Office:	0.0	0.0
Sandy:	0.5	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.6
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.6	0.6	0.7
Hollinger West:	0.6	0.2	0.6
Imerys:	0.9	0.6	0.8
Noah:	1.0	0.5	1.0
Moneta Pumping Station:	1.0	0.9	1.1
Sandy:	1.8	0.7	1.8
Water Tower:	0.6	0.5	0.8
Wilson:	2.0	1.4	3.2

