

Hollinger Public Blast Report

Blast Pattern: 3316_043
Date: 27-Aug-20
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1968 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 11 km/hr
Wind Direction: E
Temperature: 11.4 °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:	57.9 LAeq	99.8 dB
Edwards:	47.7 LAeq	98.3 dB
Fred:	43.3 LAeq	90.9 dB
Hollinger Office:	57.8 LAeq	104.9 dB
Noah:	61.4 LAeq	104.3 dB
Sandy:	46.3 LAeq	103.0 dB
Water Tower:	51.7 LAeq	113.3 dB
Wilson:	52.9 LAeq	106.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.7	12.1	5.1	5.6
Edwards:	1.7	1.8	16.9	17.8
Hollinger Office:	4.9	6.1	0.0	0.0
Sandy:	2.7	3.5	5.8	6.7

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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:	1.0	2.0
Edwards:	2.2	3.5
Hollinger Office:	0.0	0.0
Sandy:	4.9	8.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.0	0.1
Hollinger Office:	1.5	0.7	1.3
Hollinger West:	0.5	0.2	0.3
Imerys:	1.0	1.0	1.7
Noah:	0.7	0.7	0.7
Moneta Pumping Station:	0.5	1.0	0.5
Sandy:	1.9	0.7	1.0
Water Tower:	1.7	0.9	2.5
Wilson:	0.8	0.8	1.0