

Hollinger Public Blast Report

Blast Pattern: 3316_036
Date: 28-Aug-20
Blast Time: 13:45
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: 7 km/hr
Wind Direction: NW
Temperature: 16.9 °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:	55.0 LAeq	98.1 dB
Edwards:	46.8 LAeq	91.2 dB
Fred:	42.6 LAeq	87.9 dB
Hollinger Office:	56.5 LAeq	99.8 dB
Noah:	60.6 LAeq	103.3 dB
Sandy:	46.8 LAeq	102.9 dB
Water Tower:	48.3 LAeq	106.6 dB
Wilson:	48.3 LAeq	100.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.5	2.8	2.4	3.5
Edwards:	0.8	1.1	4.3	6.2
Hollinger Office:	2.3	2.7	7.0	10.8
Sandy:	2.4	3.2	0.0	0.0

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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:	0.5	2.0
Edwards:	1.2	2.5
Hollinger Office:	2.0	4.4
Sandy:	0.0	0.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.7	0.4	0.8
Hollinger West:	0.4	0.2	0.4
Imerys:	1.1	1.2	1.5
Noah:	0.6	0.6	0.6
Moneta Pumping Station:	0.3	0.5	0.3
Sandy:	0.5	0.2	0.5
Water Tower:	2.5	1.8	4.6
Wilson:	0.6	0.5	0.7