

Hollinger Public Blast Report



Blast Pattern: 3334_055
Date: 15-Jun-19
Blast Time: 11:51
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1500 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 22 km/hr
Wind Direction: W
Temperature: 10.4 °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:	56.4 LAeq	108.9 dB
Edwards:	51.5 LAeq	112.8 dB
Fred:	49.9 LAeq	107.8 dB
Hollinger Office:	56.8 LAeq	110.4 dB
Noah:	62.6 LAeq	110.8 dB
Sandy:	46.6 LAeq	107.2 dB
Water Tower:	52.6 LAeq	120.0 dB
Wilson:	48.6 LAeq	110.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.7	9.3	9.6	10.8
Edwards:	7.8	10.9	6.3	14.4
Hollinger Office:	11.2	12.6	8.4	11.0
Sandy:	5.1	7.6	6.8	10.0

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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:	0.3	0.7
Edwards:	1.1	2.4
Hollinger Office:	1.4	1.7
Sandy:	7.2	52.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.0
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.9	0.6	1.0
Imerys:	0.4	0.2	0.4
Noah:	0.2	0.5	0.4
Moneta Pumping Station:	0.5	0.3	0.5
Sandy:	2.3	1.1	2.1
Water Tower:	0.6	0.5	0.8
Wilson:	2.3	1.8	2.3