

Hollinger Public Blast Report



Blast Pattern: 3350.5_009, 3328_051
Date: 3-Sep-19
Blast Time: 11:52
Blast Sign Activation: 7:29
Website Notification Time: 7:23

Blast Conditions

Ceiling Height: 1300 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 20 km/hr
Wind Direction: SE
Temperature: 10.1 °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:	54.2 LAeq	106.1 dB
Edwards:	49.6 LAeq	110.1 dB
Fred:	44.5 LAeq	105.9 dB
Hollinger Office:	56.1 LAeq	113.6 dB
Noah:	61.4 LAeq	107.1 dB
Sandy:	48.4 LAeq	106.2 dB
Water Tower:	51.0 LAeq	117.1 dB
Wilson:	53.2 LAeq	109.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.1	10.5		
Edwards:	2.0	2.3	8.4	9.4
Hollinger Office:	26.3	175.9	30.6	186.6
Sandy:	3.5	4.1	5.5	7.3

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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:	0.6	1.3
Edwards:	1.7	3.3
Hollinger Office:	6.3	10.2
Sandy:	1.5	3.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.5	0.3
Edwards:	0.0	0.0	0.0
Hollinger Office:	1.2	0.2	0.5
Hollinger West:	2.0	1.4	2.5
Imerys:	1.1	1.1	1.6
Noah:	0.7	0.8	0.9
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	0.9	0.4	0.5
Water Tower:	2.5	2.7	3.0
Wilson:	2.9	1.6	2.6