

Hollinger Public Blast Report



Blast Pattern: 3328_048
Date: 27-Sep-19
Blast Time: 15:40
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 Rain
Wind Speed: 22 km/hr
Wind Direction: S
Temperature: 12.7 °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:	58.4 LAeq	113.0 dB
Edwards:	53.2 LAeq	111.2 dB
Fred:	47.9 LAeq	110.4 dB
Hollinger Office:	59.6 LAeq	126.2 dB
Noah:	65.1 LAeq	118.1 dB
Sandy:	50.8 LAeq	109.3 dB
Water Tower:	60.2 LAeq	117.2 dB
Wilson:	54.3 LAeq	111.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	25.0	25.5	7.2	7.7
Edwards:	1.2	1.9	10.4	12.0
Hollinger Office:	14.4	17.0	12.0	13.7
Sandy:	3.2	3.8	9.6	10.2

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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:	0.7	2.2
Edwards:	1.9	3.2
Hollinger Office:	3.7	5.9
Sandy:	1.0	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.5	0.4	0.6
Imerys:	0.2	0.2	0.3
Noah:	0.3	0.4	0.5
Moneta Pumping Station:	0.5	0.4	0.4
Sandy:	3.2	1.7	2.2
Water Tower:	0.3	0.3	0.4
Wilson:	1.2	0.9	1.3